

Hrvatski zavod za norme

Oglasnik za normativne dokumente

10/2017 listopad, 2017.

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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Rezultati hrvatske normizacije

1.1 Hrvatske norme

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

Hrvatske norme mogu nastati na ova četiri načina:

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

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

HZN/TO 8, *Brodogradnja*

HRN EN ISO 11105:2017 en pr
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)

HRN EN ISO 12217-1:2017 en pr
Mala plovila – Ocjenjivanje i razredba stabiliteta i plovnosti – 1. dio: Plovila bez jedara duljine trupa 6 m ili više (ISO 12217-1:2015; EN ISO 12217-1:2017)
Small craft – Stability and buoyancy assessment and categorization – Part 1: Non-sailing boats of hull length greater than or equal to 6 m (ISO 12217-1:2015; EN ISO 12217-1:2017)

HRN EN ISO 12217-2:2017 en pr
Mala plovila – Ocjenjivanje i razredba stabiliteta i plovnosti – 2. dio: Plovila s jedrima duljine trupa 6 m ili više (ISO 12217-2:2015; EN ISO 12217-2:2017)
Small craft – Stability and buoyancy assessment and categorization – Part 2: Sailing boats of hull length greater than or equal to 6 m (ISO 12217-2:2015; EN ISO 12217-2:2017)

HRN EN ISO 18422:2017 en pr
Brodovi i pomorska tehnologija – Plovila unutarnje plovidbe – Ploča s uputama za spašavanje, oživljavanje i prvu pomoć pri utapanju (ISO 18422:2014; EN ISO 18422:2017)
Ships and marine technology – Inland navigation vessels – Plate with instructions for rescue, resuscitation and first aid for drowning persons (ISO 18422:2014; EN ISO 18422:2017)

HZN/TO 21, *Protupožarna i vatrogasna oprema*

HRN EN 16750:2017 en pr
Stabilni protupožarni sustavi – Sustavi sa smanjenom koncentracijom kisika – Projektiranje, postavljanje, planiranje i održavanje (EN 16750:2017)
Fixed firefighting systems – Oxygen reduction systems – Design, installation, planning and maintenance (EN 16750:2017)

HZN/TO 22, *Cestovna vozila*

HRN EN ISO 14469:2017 en pr
Cestovna vozila – Priključak za punjenje stlačenim prirodnim plinom (SPP) (ISO 14469:2017; EN ISO 14469:2017)
Road vehicles – Compressed natural gas (CNG) refuelling connector (ISO 14469:2017; EN ISO 14469:2017)

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

HRN EN 15695-1:2017 en pr
Poljoprivredni traktori i samokretne prskalice – Zaštita rukovatelja (vozača) od opasnih tvari – 1. dio: Razredba kabina, zahtjevi i postupci ispitivanja (EN 15695-1:2017)
Agricultural tractors and self-propelled sprayers – Protection of the operator (driver) against hazardous substances – Part 1: Cab classification, requirements and test procedures (EN 15695-1:2017)

HRN EN 15695-2:2017 en pr
Poljoprivredni traktori i samokretne prskalice – Zaštita rukovatelja (vozača) od opasnih tvari – 2. dio: Filtri, zahtjevi i postupci ispitivanja (EN 15695-2:2017)
Agricultural tractors and self-propelled sprayers – Protection of the operator (driver) against hazardous substances – Part 2: Filters; requirements and test procedures (EN 15695-2:2017)

HRN EN 16944:2017 en pr
Poljoprivredna mehanizacija i traktori – Normirani pristup podacima za popravak i održavanje (RMI) – Zahtjevi (EN 16944:2017)
Agricultural machinery and tractors – Standardized access to repair and maintenance information (RMI) – Requirements (EN 16944:2017)

HZN/TO 25, *Ljevarstvo*

HRN EN 12438:2017 en pr
Magnezij i magnezijeve legure – Magnezijeve legure za lijevane anode (EN 12438:2017)
Magnesium and magnesium alloys – Magnesium alloys for cast anodes (EN 12438:2017)

HZN/TO 28, *Naftni proizvodi i maziva*

HRN EN ISO 2592:2017 en pr
Nafta i srodni proizvodi – Određivanje točke paljenja i točke gorenja – Metoda otvorene posude po Clevelandu (ISO 2592:2017; EN ISO 2592:2017)
Petroleum and related products – Determination of flash and fire points – Cleveland open cup method (ISO 2592:2017; EN ISO 2592:2017)

HZN/TO 37, *Terminologija*

HRN EN ISO 17100:2015/A1:2017 en pr
Usluge pismenog prevođenja – Zahtjevi za usluge pismenog prevođenja (ISO 17100:2015/Amd 1:2017; EN ISO 17100:2015/A1:2017)
Translation services – Requirements for translation services (ISO 17100:2015/Amd 1:2017; EN ISO 17100:2015/A1:2017)

HZN/TO 44, *Zavarivanje i srodni postupci*

HRN EN ISO 9455-11:2017 en pr
Talila za meko lemljenje – Metode ispitivanja – 11. dio: Rastvorivost ostataka talila (ISO 9455-11:2017; EN ISO 9455-11:2017)
Soft soldering fluxes – Test methods – Part 11: Solubility of flux residues (ISO 9455-11:2017; EN ISO 9455-11:2017)

HRN EN ISO 9455-13:2017 en pr
Talila za meko lemljenje – Metode ispitivanja – 13. dio: Određivanje rasprskavanja talila (ISO 9455-13:2017; EN ISO 9455-13:2017)
Soft soldering fluxes – Test methods – Part 13: Determination of flux spattering (ISO 9455-13:2017; EN ISO 9455-13:2017)

HRN EN ISO 9455-14:2017 en pr
Talila za meko lemljenje – Metode ispitivanja – 14. dio: Ocjenjivanje prionljivosti ostataka talila (ISO 9455-14:2017; EN ISO 9455-14:2017)
Soft soldering fluxes – Test methods – Part 14: Assessment of tackiness of flux residues (ISO 9455-14:2017; EN ISO 9455-14:2017)

HRN EN ISO 9455-15:2017 en pr
Talila za meko lemljenje – Metode ispitivanja – 15. dio: Ispitivanje korozije na bakru (ISO 9455-15:2017; EN ISO 9455-15:2017)
Soft soldering fluxes – Test methods – Part 15: Copper corrosion test (ISO 9455-15:2017; EN ISO 9455-15:2017)

HRN EN ISO 14271:2017 en pr
Elektrootporno zavarivanje – Ispitivanje tvrdoće prema Vickersu (malo opterećenje i mikrotvrdoća) elektrootporno zavarenih točkastih, bradavičastih i šavnih spojeva (ISO 14271:2017; EN ISO 14271:2017)
Resistance welding – Vickers hardness testing (low-force and microhardness) of resistance spot, projection, and seam welds (ISO 14271:2017; EN ISO 14271:2017)

HRN EN ISO 19285:2017 en pr
Nerazorno ispitivanje zavara – Ultrazvučno ispitivanje višepretvorničkom tehnikom (PAUT) – Kriteriji prihvatljivosti (ISO 19285:2017; EN ISO 19285:2017)
Non-destructive testing of welds – Phased array ultrasonic testing (PAUT) – Acceptance levels (ISO 19285:2017; EN ISO 19285:2017)

HRN EN ISO 23279:2017 en pr
Nerazorno ispitivanje zavara – Ultrazvučno ispitivanje
– Karakterizacija indikacija u zavarima (ISO 23279:2017;
EN ISO 23279:2017)
Non-destructive testing of welds – Ultrasonic testing
– Characterization of indications in welds (ISO 23279:2017;
EN ISO 23279:2017)

HZN/TO 74, Cement i vapno

HRN EN 13639:2017 en pr
Određivanje ukupnoga organskog ugljika u vapnencu
(EN 13639:2017)
Determination of total organic carbon in limestone
(EN 13639:2017)

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

HRN EN 13771-2:2017 en pr
Kompresori i kondenzacijske jedinice za hlađenje
– Ispitivanje značajka i metode ispitivanja – 2. dio:
Kondenzacijske jedinice (EN 13771-2:2017)
Compressors and condensing units for refrigeration
– Performance testing and test methods – Part 2: Condensing
units (EN 13771-2:2017)

HZN/TO 120, Koža i obuća

HRN EN ISO 17231:2017 en pr
Koža – Fizikalna i mehanička ispitivanja – Određivanje
vodoodbojnosti odječe od kože (ISO 17231:2017;
EN ISO 17231:2017)
Leather – Physical and mechanical tests – Determination
of water repellency of garment leather (ISO 17231:2017;
EN ISO 17231:2017)

HZN/TO 136, Namještaj

HRN EN 16121:2017 en pr
Namještaj za skladištenje koji nije za kućnu uporabu
– Zahtjevi za sigurnost, čvrstoću, izdržljivost i stabilnost
(EN 16121:2013+A1:2017)
Non-domestic storage furniture – Requirements for safety,
strength, durability and stability (EN 16121:2013+A1:2017)

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

HRN EN ISO 13260:2011/A1:2017 en pr
Plastomerni cijevni sustavi za netlačnu podzemnu odvodnju
i kanalizaciju – Metoda ispitivanja za otpornost na istodobnu
cikličku promjenu temperature i vanjskog opterećenja
(ISO 13260:2011/Amd 1:2017; EN ISO 13260:2011/A1:2017)
Thermoplastics piping systems for non-pressure underground
drainage and sewerage – Test method for resistance
to combined temperature cycling and external loading
(ISO 13260:2011/Amd 1:2017; EN ISO 13260:2011/A1:2017)

HZN/TO 146, Kvaliteta zraka

HRN ISO 9096:2017 en pr
Emisije iz nepokretnih izvora – Ručna metoda određivanja
masene koncentracije čestica (ISO 9096:2017)
Stationary source emissions – Manual determination of mass
concentration of particulate matter (ISO 9096:2017)

HZN/TO 159, Ergonomija

HRN EN ISO 7243:2017 en pr
Ergonomija toplinskog okruženja – Procjena toplinskog stresa
pomoću WBGT indeksa (temperatura vlažnog termometra
sfere) (ISO 7243:2017; EN ISO 7243:2017)
Ergonomics of the thermal environment – Assessment of heat
stress using the WBGT (wet bulb globe temperature) index
(ISO 7243:2017; EN ISO 7243:2017)

HRN EN ISO 7250-1:2017 en pr
Temeljna mjerenja ljudskog tijela za tehnološki dizajn
– 1. dio: Definicije i obilježja mjerenja tijela (ISO 7250-1:2017;
EN ISO 7250-1:2017)
Basic human body measurements for technological design
– Part 1: Body measurement definitions and landmarks
(ISO 7250-1:2017; EN ISO 7250-1:2017)

HZN/TO 163, Toplinska izolacija

HRN EN ISO 12569:2017 en pr
Toplinska svojstva zgrada i materijala – Određivanje specifične
stope protoka zraka u zgradama. – Metoda s plinom kao
indikatorom (ISO 12569:2017; EN ISO 12569:2017)
Thermal performance of buildings and materials
– Determination of specific airflow rate in buildings – Tracer
gas dilution method (ISO 12569:2017; EN ISO 12569:2017)

HZN/TO 172, Optika i optički instrumenti

HRN EN ISO 15798:2013/A1:2017 en pr
Oftalmološki implantati – Oftalmološka viskozno-kirurška
sredstva (ISO 15798:2013/Amd 1:2017;
EN ISO 15798:2013/A1:2017)
Ophthalmic implants – Ophthalmic viscosurgical devices
(ISO 15798:2013/Amd 1:2017; EN ISO 15798:2013/A1:2017)

HRN EN ISO 18369-1:2017 en pr
Oftalmološka optika – Kontaktne leće – 1. dio: Terminološki
rječnik, razredbeni sustav i preporuke za označavanje
specifikacija (ISO 18369-1:2017; EN ISO 18369-1:2017)
Ophthalmic optics – Contact lenses – Part 1: Vocabulary,
classification system and recommendations for labelling
specifications (ISO 18369-1:2017; EN ISO 18369-1:2017)

HRN EN ISO 18369-2:2017 en pr
Oftalmološka optika – Kontaktne leće – 2. dio: Tolerancije
(ISO 18369-2:2017; EN ISO 18369-2:2017)
Ophthalmic optics – Contact lenses – Part 2: Tolerances
(ISO 18369-2:2017; EN ISO 18369-2:2017)

HRN EN ISO 18369-3:2017 en pr
Oftalmološka optika – Kontaktne leće – 3. dio: Metode
mjerenja (ISO 18369-3:2017; EN ISO 18369-3:2017)
Ophthalmic optics – Contact lenses – Part 3: Measurement
methods (ISO 18369-3:2017; EN ISO 18369-3:2017)

HRN EN ISO 18369-4:2017 en pr
Oftalmološka optika – Kontaktne leće – 4. dio:
Fizikalno-kemijska svojstva materijala kontaktnih leća
(ISO 18369-4:2017; EN ISO 18369-4:2017)
Ophthalmic optics – Contact lenses – Part 4: Physicochemical
properties of contact lens materials (ISO 18369-4:2017;
EN ISO 18369-4:2017)

HZN/TO 181, Sigurnost igračkaka i proizvodi za djecu

HRN EN 71-7:2017 en pr
Sigurnost igračkaka – 7. dio: Bojila za bojenje prstima – Zahtjevi
i metode ispitivanja (EN 71-7:2014+A1:2017)
Safety of toys – Part 7: Finger paints – Requirements and test
methods (EN 71-7:2014+A1:2017)

HZN/TO 190, Kvaliteta tla

HRN EN ISO 11504:2017 en pr
Kvaliteta tla – Procjena utjecaja tla onečišćenog naftnim
ugljkovodicima (ISO 11504:2017; EN ISO 11504:2017)
Soil quality – Assessment of impact from soil contaminated
with petroleum hydrocarbons (ISO 11504:2017;
EN ISO 11504:2017)

HZN/TO 215, Medicinska informatika

HRN EN ISO 12052:2017 en pr
Medicinska informatika – Digitalne slike i komunikacija u
medicini (DICOM), uključujući hodograme i upravljanje
podacima (ISO 12052:2017; EN ISO 12052:2017)
Health informatics – Digital imaging and communication in
medicine (DICOM) including workflow and data management
(ISO 12052:2017; EN ISO 12052:2017)

HZN/TO 217, Kozmetika

HRN EN 16956:2017 en pr
Kozmetika – Analitičke metode – HPLC/UV metoda za
identifikaciju i određivanje sadržaja hidrokinona, etera
hidrokinona i kortikosteroida u kozmetičkim proizvodima za
izbjeljivanje kože (EN 16956:2017)
Cosmetics – Analytical methods – HPLC/UV method for
the identification and assay of hydroquinone, ethers of
hydroquinone and corticosteroids in skin whitening cosmetic
products (EN 16956:2017)

HZN/TO 218, *Drvo*

HRN EN 13489:2017 en pr
Drvene i parketne podne obloge – Višeslojni parketni elementi (EN 13489:2017)
Wood and parquet flooring – Multi-layer parquet elements (EN 13489:2017)

HRS CEN/TS 15717:2017 en pr
Parketne podne obloge – Opće smjernice za ugradnju (CEN/TS 15717:2008)
Parquet flooring – General guideline for installation (CEN/TS 15717:2008)

HZN/TO 503, *Metalni materijali*

HRN EN 1982:2017 en pr
Bakar i legure bakra – Ingoti i odljevci (EN 1982:2017)
Copper and copper alloys – Ingots and castings (EN 1982:2017)

HRN EN ISO 6149-4:2017 en pr
Priključci za hidraulične tekućine za prijenos snage i opću namjenu – Otvori i čepovi s ISO 261 metričkim navojima i brtvljenjem pomoću O-prstena – 4. dio: Dimenzije, konstrukcija, metode ispitivanja i zahtjevi za vanjske i unutrašnje šesterokutne čepove (ISO 6149-4:2017; EN ISO 6149-4:2017)
Connections for fluid power and general use – Ports and stud ends with ISO 261 metric threads and O-ring sealing – Part 4: Dimensions, design, test methods and requirements for external hex and internal hex port plugs (ISO 6149-4:2017; EN ISO 6149-4:2017)

HZN/TO 504, *Korozija i zaštita metala i legura*

HRN EN ISO 15589-1:2017 en pr
Industrija nafte i prirodnoga plina – Katodna zaštita cjevovodnih transportnih sustava – 1. dio: Cjevovodi na kopnu (ISO 15589-1:2015; EN ISO 15589-1:2017)
Petroleum; petrochemical and natural gas industries – Cathodic protection of pipeline systems – Part 1: On-land pipelines (ISO 15589-1:2015; EN ISO 15589-1:2017)

HRN EN ISO 18086:2017 en pr
Korozija metala i legura – Određivanje korozije izazvane djelovanjem izmjenične struje – Kriteriji zaštite (ISO 18086:2015; EN ISO 18086:2017)
Corrosion of metals and alloys – Determination of AC corrosion – Protection criteria (ISO 18086:2015; EN ISO 18086:2017)

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

HRN EN ISO 14692-1:2017 en pr
Industrija nafte i prirodnoga plina – Staklom ojačane plastične cijevi (GRP) – 1. dio: Terminološki rječnik, simboli, primjene i materijali (ISO 14692-1:2017; EN ISO 14692-1:2017)
Petroleum and natural gas industries – Glass-reinforced plastics (GRP) piping – Part 1: Vocabulary, symbols, applications and materials (ISO 14692-1:2017; EN ISO 14692-1:2017)

HRN EN ISO 14692-2:2017 en pr
Industrija nafte i prirodnoga plina – Staklom ojačane plastične cijevi (GRP) – 2. dio: Određivanje kvalitete i proizvodnja (ISO 14692-2:2017; EN ISO 14692-2:2017)
Petroleum and natural gas industries – Glass-reinforced plastics (GRP) piping – Part 2: Qualification and manufacture (ISO 14692-2:2017; EN ISO 14692-2:2017)

HRN EN ISO 14692-3:2017 en pr
Industrija nafte i prirodnoga plina – Staklom ojačane plastične cijevi (GRP) – 3. dio: Projektiranje sustava (ISO 14692-3:2017; EN ISO 14692-3:2017)
Petroleum and natural gas industries – Glass-reinforced plastics (GRP) piping – Part 3: System design (ISO 14692-3:2017; EN ISO 14692-3:2017)

HRN EN ISO 14692-4:2017 en pr
Industrija nafte i prirodnoga plina – Staklom ojačane plastične cijevi (GRP) – 4. dio: Proizvodnja, ugradnja i uporaba (ISO 14692-4:2017; EN ISO 14692-4:2017)
Petroleum and natural gas industries – Glass-reinforced plastics (GRP) piping – Part 4: Fabrication, installation and operation (ISO 14692-4:2017; EN ISO 14692-4:2017)

HRN EN ISO 18797-1:2017 en pr
Naftna, petrokemijska i industrija prirodnoga plina – Vanjska zaštita od korozije stojki premazima i oblogama – 1. dio: Sustavi elastomernih premaza – polikloropren ili EPDM (ISO 18797-1:2016; EN ISO 18797-1:2017)
Petroleum, petrochemical and natural gas industries – External corrosion protection of risers by coatings and linings – Part 1: Elastomeric coating systems-polychloroprene or EPDM (ISO 18797-1:2016; EN ISO 18797-1:2017)

HRN EN ISO 24817:2017 en pr
Industrija nafte, petrokemije i prirodnoga plina – Popravci cjevovoda kompozitnim materijalima – Ocjena i proračun, izvedba, ispitivanje i inspekcija (ISO 24817:2017; EN ISO 24817:2017)
Petroleum, petrochemical and natural gas industries – Composite repairs for pipework – Qualification and design, installation, testing and inspection (ISO 24817:2017; EN ISO 24817:2017)

HZN/TO 526, *Bitumenska veziva*

HRN EN 13303:2017 en pr
Bitumen i bitumenska veziva – Određivanje gubitka mase industrijskog bitumena nakon grijanja (EN 13303:2017)
Bitumen and bituminous binders – Determination of the loss in mass after heating of industrial bitumen (EN 13303:2017)

HZN/TO 528, *Oprema za željeznice*

HRN EN 12080:2017 en pr
Željeznički sustav – Kućišta osovinskih ležaja – Kotrljajući ležaji (EN 12080:2017)
Railway applications – Axleboxes – Rolling bearings (EN 12080:2017)

HRN EN 12081:2017 en pr
Željeznički sustav – Kućišta osovinskih ležaja – Maziva za podmazivanje (EN 12081:2017)
Railway applications – Axleboxes – Lubricating greases (EN 12081:2017)

HRN EN 12082:2017 en pr
Željeznički sustav – Kućišta osovinskih ležaja – Ispitivanje radnih značajka (EN 12082:2017)
Railway applications – Axleboxes – Performance testing (EN 12082:2017)

HRN EN 16922:2017 en pr
Željeznički sustav – Stacionarna služba – Oprema za pražnjenje otpadne vode iz vozila (EN 16922:2017)
Railway applications – Ground based services – Vehicle waste water discharge equipment (EN 16922:2017)

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

HRN ISO 4301-1:2017 en pr
Granici – Podjela u pogonske skupine – 1. dio: Općenito (ISO 4301-1:2016)
Cranes – Classification – Part 1: General (ISO 4301-1:2016)

HRN ISO 8566-5:2017 en pr
Granici – Kabine i upravljačke postaje – 5. dio: Mosni i portalni granici (ISO 8566-5:2017)
Cranes – Cabins and control stations – Part 5: Overhead travelling and portal bridge cranes (ISO 8566-5:2017)

HRN ISO 8686-5:2017 en pr
Granici – Proračunska opterećenja i njihove kombinacije – 5. dio: Mosni i portalni granici (ISO 8686-5:2017)
Cranes – Design principles for loads and load combinations – Part 5: Overhead travelling and portal bridge cranes (ISO 8686-5:2017)

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

HRN EN 12604:2017 en pr
Industrijska, komercijalna, garažna i ostala ulazna vrata – Mehanička gledišta – Zahtjevi i metode ispitivanja (EN 12604:2017)
Industrial, commercial and garage doors and gates – Mechanical aspects – Requirements and test methods (EN 12604:2017)

HRN EN 16864:2017 en pr
Građevni okovi – Mehatrički lokoti – Zahtjevi i metode ispitivanja (EN 16864:2017)
Building hardware – Mechatronic padlocks – Requirements and test methods (EN 16864:2017)

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

HRN EN ISO 25178-71:2017 en pr
Geometrijske specifikacije proizvoda (GSP) – Tekstura površine: Ploštinska – 71. dio: Mjerne norme za programsku opremu (ISO 25178-1:2017; EN ISO 25178-71:2017)
Geometrical product specifications (GPS) – Surface texture: Areal – Part 71: Software measurement standards (ISO 25178-1:2017; EN ISO 25178-71:2017)

HZN/TO 543, Poštanske usluge

HRN EN 14615:2017 en pr
Poštanske usluge – Digitalne oznake za poštarinu – Primjena, sigurnost i oblikovanje (EN 14615:2017)
Postal services – Digital postage marks – Applications, security and design (EN 14615:2017)

HZN/TO 554, Obrada otpadnih voda

HRN EN 16933-2:2017 en pr
Odvodni i kanalizacijski sustavi izvan zgrada – Projektiranje – 2. dio: Hidraulički proračun (EN 16933-2:2017)
Drain and sewer systems outside buildings – Design – Part 2: Hydraulic design (EN 16933-2:2017)

HZN/TO 555, Medicinski proizvodi

HRN EN ISO 6710:2017 en pr
Jednokratni spremnici za uzorkovanje venske krvi (ISO 6710:2017; EN ISO 6710:2017)
Single-use containers for human venous blood specimen collection (ISO 6710:2017; EN ISO 6710:2017)

HZN/TO 556, Osobna zaštitna oprema

HRN 1152:2017 hr izv
Osobna zaštitna oprema protiv pada s visine – Čelične penjalice za betonske stupove za vodove
Personal protective equipment against falls from height – Climbing irons for concrete poles

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 1833-4:2017 en pr
Tekstil – Kvantitativna kemijska analiza – 4. dio: Mješavine određenih proteinskih i određenih drugih vlakana (metoda s uporabom hipoklorita) (ISO 1833-4:2017; EN ISO 1833-4:2017)
Textiles – Quantitative chemical analysis – Part 4: Mixtures of certain protein fibres with certain other fibres (method using hypochlorite) (ISO 1833-4:2017; EN ISO 1833-4:2017)

HRN EN ISO 1833-7:2017 en pr
Tekstil – Kvantitativna kemijska analiza – 7. dio: Mješavine poliamidnih i određenih ostalih vlakana (metoda s uporabom mravlje kiseline) (ISO 1833-7:2017; EN ISO 1833-7:2017)
Textiles – Quantitative chemical analysis – Part 7: Mixtures of polyamide and certain other fibres (method using formic acid) (ISO 1833-7:2017; EN ISO 1833-7:2017)

HRN EN ISO 1833-11:2017 en pr
Tekstil – Kvantitativna kemijska analiza – 11. dio: Mješavine određenih celuloznih s određenim drugim vlaknima (metoda s uporabom sulfatne kiseline) (ISO 1833-11:2017; EN ISO 1833-11:2017)
Textiles – Quantitative chemical analysis – Part 11: Mixtures of certain cellulose fibres with certain other fibres (method using sulfuric acid) (ISO 1833-11:2017; EN ISO 1833-11:2017)

HRN EN 13402-3:2017 en pr
Označivanja veličina odjeće – 3. dio: Označivanje veličina na temelju tjelesnih mjera i intervala (EN 13402-3:2017)
Size designation of clothes – Part 3 Size labelling based on body measurements and intervals (EN 13402-3:2017)

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

HRN EN 303-1:2017 en pr
Toplovodni kotlovi – 1. dio: Toplovodni kotlovi s predtlačnim plamenikom – Nazivlje, opći zahtjevi, ispitivanje i označivanje (EN 303-1:2017)
Heating boilers – Part 1: Heating boilers with forced draught burners – Terminology, general requirements, testing and marking (EN 303-1:2017)

HRN EN ISO 15996:2017 en pr
Plinske boce – Ventili ostatnoga tlaka – Specifikacija i tipno ispitivanje ventila za boce uključujući uređaje za ostatni tlak (ISO 15996:2017; EN ISO 15996:2017)
Gas cylinders – Residual pressure valves – Specification and type testing of cylinder valves incorporating residual pressure devices (ISO 15996:2017; EN ISO 15996:2017)

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

HRS CEN/TS 17061:2017 en pr
Hrana – Smjernice za kalibriranje i kvantitativno određivanje ostataka pesticida i organskih kontaminanata primjenom kromatografskih metoda (CEN/TS 17061:2017)
Foodstuffs – Guidelines for the calibration and quantitative determination of pesticide residues and organic contaminants using chromatographic methods (CEN/TS 17061:2017)

HRS CEN/TS 17062:2017 en pr
Hrana biljnog podrijetla – Multirezidualna metoda za određivanje ostataka pesticida u uzorcima biljnog ulja metodom LC-MS/MS (CEN/TS 17062:2017)
Foods of plant origin – Multimethod for the determination of pesticide residues in vegetable oils by LC-MS/MS (CEN/TS 17062:2017)

HZN/TO 569, Hrana za životinje

HRN EN ISO 12099:2017 en pr
Hrana za životinje, žitarice i proizvodi od mljevenih žitarica – Upute za primjenu bliske infracrvene spektrometrije (ISO 12099:2017; EN ISO 12099:2017)
Animal feeding stuffs, cereals and milled cereal products – Guidelines for the application of near infrared spectrometry (ISO 12099:2017; EN ISO 12099:2017)

HRN EN 17050:2017 en pr
Hrana za životinje: Metode uzorkovanja i analize – Određivanje joda primjenom anionskog izmjenjivača ICP-MS (EN 17050:2017)
Animal feeding stuffs: Methods of sampling and analysis – Determination of iodine in animal feed by ICP-MS (EN 17050:2017)

HZN/TO E9, Električna oprema za željeznicu

HRN EN 50463-1:2017 en pr
Željeznički sustav – Mjerenje energije na vozilima – 1. dio: Općenito (EN 50463-1:2017)
Railway applications – Energy measurement on board trains – Part 1: General (EN 50463-1:2017)

HRN EN 50463-2:2017 en pr
Željeznički sustav – Mjerenje energije na vozilima – 2. dio: Mjerenje energije (EN 50463-2:2017)
Railway applications – Energy measurement on board trains – Part 2: Energy measuring (EN 50463-2:2017)

HRN EN 50463-3:2017 en pr
Željeznički sustav – Mjerenje energije na vozilima – 3. dio: Postupanje s podacima (EN 50463-3:2017)
Railway applications – Energy measurement on board trains – Part 3: Data handling (EN 50463-3:2017)

HRN EN 50463-4:2017 en pr
Željeznički sustav – Mjerenje energije na vozilima – 4. dio: Komunikacije (EN 50463-4:2017)
Railway applications – Energy measurement on board trains – Part 4: Communication (EN 50463-4:2017)

HRN EN 50463-5:2017 en pr
Željeznički sustav – Mjerenje energije na vozilima – 5. dio: Ocjenjivanje sukladnosti (EN 50463-5:2017)
Railway applications – Energy measurement on board trains – Part 5: Conformity assessment (EN 50463-5:2017)

HZN/TO E14, Energetski transformatori

HRN EN 50588-1:2017 en pr
Energetski transformatori srednjih snaga, 50 Hz, najvećeg napona opreme do 36 kV – 1. dio: Opći zahtjevi (EN 50588-1:2017)
Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV – Part 1: General requirements (EN 50588-1:2017)

HZN/TO E17, Sklopni i upravljački uređaji

HRN EN 62271-100:2010/A2:2017 en pr
Visokonaponska sklopna aparatura – 100. dio: Prekidači izmjenične struje (IEC 62271-100:2008/am2:2017; EN 62271-100:2009/A2:2017)
High-voltage switchgear and controlgear – Part 100: Alternating-current circuit-breakers (IEC 62271-100:2008/am2:2017; EN 62271-100:2009/A2:2017)

HRN EN 62271-211:2014/Ispr.2:2017 en pr
Visokonaponska sklopna aparatura – 211. dio: Izravan spoj između energetske transformatora i metalom oklopljene plinom izolirane sklopne aparature za nazivne napone iznad 52 kV (IEC 62271-211:2014/Corr.2:2017; EN 62271-211:2014/AC:2017)
High-voltage switchgear and controlgear – Part 211: Direct connection between power transformers and gas-insulated metal-enclosed switchgear for rated voltages above 52 kV (IEC 62271-211:2014/Corr.2:2017; EN 62271-211:2014/AC:2017)

HZN/TO E31, Eksplozivne atmosfere

HRN EN 60079-13:2017 en pr
Eksplozivne atmosfere – 13. dio: Vrsta zaštite opreme prostorije pod nadtlakom „p“ i prisilno ventilirane prostorije „v“ (IEC 60079-13:2017; EN 60079-13:2017)
Explosive atmospheres – Part 13: Equipment protection by pressurized room “p” and artificially ventilated room “v” (IEC 60079-13:2017; EN 60079-13:2017)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

HRN EN 60400:2017 en pr
Grla za fluorescentne cijevi i startere (IEC 60400:2017; EN 60400:2017)
Lampholders for tubular fluorescent lamps and starterholders (IEC 60400:2017; EN 60400:2017)

HRN EN 60901:2008/A6:2017 en pr
Fluorescentne cijevi s jednim podnoškom – Izvedbeni zahtjevi (IEC 60901:1996/am6:2014, MOD; EN 60901:1996/A6:2017)
Single-capped fluorescent lamps – Performance specifications (IEC 60901:1996/am6:2014, MOD; EN 60901:1996/A6:2017)

HRN EN 61184:2017 en pr
Bajunetna grla za žarulje (IEC 61184:2017; EN 61184:2017)
Bayonet lampholders (IEC 61184:2017; EN 61184:2017)

HRN EN 62386-301:2017 en pr
Digitalno upravljanje rasvjetom – 301. dio: Posebni zahtjevi – Ulazne naprave – Tipkala (IEC 62386-301:2017; EN 62386-301:2017)
Digital addressable lighting interface – Part 301: Particular requirements – Input devices – Push buttons (IEC 62386-301:2017; EN 62386-301:2017)

HRN EN 62386-302:2017 en pr
Digitalno upravljanje rasvjetom – 302. dio: Posebni zahtjevi – Ulazne naprave – Apsolutne ulazne naprave (IEC 62386-302:2017; EN 62386-302:2017)
Digital addressable lighting interface – Part 302: Particular requirements – Input devices – Absolute input devices (IEC 62386-302:2017; EN 62386-302:2017)

HRN EN 62386-303:2017 en pr
Digitalno upravljanje rasvjetom – 303. dio: Posebni zahtjevi – Ulazne naprave – Senzor prisutnosti (IEC 62386-303:2017; EN 62386-303:2017)
Digital addressable lighting interface – Part 303: Particular requirements – Input devices – Occupancy sensor (IEC 62386-303:2017; EN 62386-303:2017)

HRN EN 62386-304:2017 en pr
Digitalno upravljanje rasvjetom – 304. dio: Posebni zahtjevi – Ulazne naprave – Senzor svjetla (IEC 62386-304:2017; EN 62386-304:2017)
Digital addressable lighting interface – Part 304: Particular requirements – Input devices – Light sensor (IEC 62386-304:2017; EN 62386-304:2017)

HRN EN 62442-1:2012/A11:2017 en pr
Energetske značajke predspojnih naprava – 1. dio: Predspojne naprave za fluorescentne žarulje – Mjerne metode za određivanje ukupne ulazne snage krugova predspojne naprave i njezine učinkovitosti (EN 62442-1:2011/A11:2017)
Energy performance of lamp controlgear – Part 1: Controlgear for fluorescent lamps – Method of measurement to determine the total input power of controlgear circuits and the efficiency of the controlgear (EN 62442-1:2011/A11:2017)

HRN EN 62442-2:2014/A11:2017 en pr
Energetske značajke predspojnih naprava – 2. dio: Predspojne naprave za visokoučinkovite žarulje s izbojem (osim fluorescentnih žarulja) – Mjerna metoda za određivanje učinkovitosti predspojne naprave (EN 62442-2:2014/A11:2017)
Energy performance of lamp controlgear – Part 2: Controlgear for high intensity discharge lamps (excluding fluorescent lamps) – Method of measurement to determine the efficiency of the controlgear (EN 62442-2:2014/A11:2017)

HRN EN 62442-3:2015/A11:2017 en pr
Energetske značajke predspojnih naprava – 3. dio: Predspojne naprave za halogene žarulje i module svjetlećih dioda – Mjerna metoda za određivanje učinkovitosti predspojne naprave (EN 62442-3:2014/A11:2017)
Energy performance of lamp controlgear – Part 3: Controlgear for halogen lamps and LED modules – Method of measurement to determine the efficiency of the controlgear (EN 62442-3:2014/A11:2017)

HRN EN 62733:2015/Ispr.1:2017 en pr
Programabilne komponente u elektroničkoj predspojnoj napravi žarulje – Opći zahtjevi i zahtjevi na sigurnost (IEC 62733:2015/Corr.1:2017; EN 62733:2015/AC:2017)
Programmable components in electronic lamp controlgear – General and safety requirements (IEC 62733:2015/Corr.1:2017; EN 62733:2015/AC:2017)

HZN/TO E38, Mjerni transformatori

HRN EN 62689-2:2017 en pr
Strujni i naponski pokazivači ili detektori koji se koriste za indikaciju prolaznih kvarova – 2. dio: Aspekti sustava (IEC 62689-2:2016; EN 62689-2:2017)
Current and voltage sensors or detectors, to be used for fault passage indication purposes – Part 2: System aspects (IEC 62689-2:2016; EN 62689-2:2017)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

HRN EN 60335-2-86:2008/A12:2017 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-86: Posebni zahtjevi za aparate za pećanje (EN 60335-2-86:2003/A12:2017)
Household and similar electrical appliances – Safety – Part 2-86: Particular requirements for electric fishing machines (EN 60335-2-86:2003/A12:2017)

HRN EN 60335-2-89:2011/A2:2017 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-89: Posebni zahtjevi za komercijalne rashladne aparate s ugrađenim ili udaljenim kondenzatorom ili kompresorom (IEC 60335-2-89:2010/am2:2015; EN 60335-2-89:2010/A2:2017)
Household and similar electrical appliances – Safety – Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor (IEC 60335-2-89:2010/am2:2015; EN 60335-2-89:2010/A2:2017)

HZN/TO E62, Električna oprema u medicinskoj praksi

HRN EN 82304-1:2017 en pr
Programska podrška u zdravstvu – 1. dio: Opći zahtjevi za sigurnost proizvoda (IEC 82304-1:2016; EN 82304-1:2017)
Health Software – Part 1: General requirements for product safety (IEC 82304-1:2016; EN 82304-1:2017)

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

HRN EN 62952-3:2017 en pr
Izvori napajanja za bežični komunikacijski uređaj – 3. dio: Adapter za sakupljanje generičke energije (IEC 62952-3:2017; EN 62952-3:2017)
Power sources for a wireless communication device – Part 3: Generic energy harvesting adaptor module (IEC 62952-3:2017; EN 62952-3:2017)

HZN/TO E81, Zaštita od munje

HRN EN 62561-3:2017 en pr
Komponente sustava zaštite od munje (LPSC) – 3. dio: Zahtjevi za odvojna iskrišta (IEC 62561-3:2017; EN 62561-3:2017)
Lightning Protection System Components (LPSC) – Part 3: Requirements for isolating spark gaps (IEC 62561-3:2017; EN 62561-3:2017)

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

HRN EN 62754:2017 en pr
Proračun nesigurnosti parametra valnog oblika
(IEC 62754:2017; EN 62754:2017)
Computation of waveform Parameter uncertainties
(IEC 62754:2017; EN 62754:2017)

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

HRN EN 62827-2:2017 en pr
Wireless Power Transfer – Management – Part 2: Multiple devices control management (TA15) (IEC 62827-2:2017; EN 62827-2:2017)

HRN EN 63028:2017 en pr
Wireless Power Transfer – AirFuel Resonant Baseline System Specification (BSS) (IEC 63028:2017; EN 63028:2017)

HRN EN 63029:2017 en pr
Audio, video and multimedia systems and equipment – Multimedia e-publishing and e-book technologies – Raster-graphics image-based e-books (IEC 63029:2017; EN 63029:2017)

HRN EN 63035:2017 en pr
MIDI (Musical Instrument Digital Interface) specification 1.0 (Abridged edition, 2015) (IEC 63035:2017; EN 63035:2017)

HZN/TO E106, Elektromagnetska polja u ljudskome okolišu

HRN EN 50360:2017 en pr
Norma proizvoda za pokazivanje sukladnosti bežičnih komunikacijskih uređaja s temeljnim ograničenjima i graničnim vrijednostima izloženosti, koja se odnosi na izloženost ljudi elektromagnetskim poljima u frekvencijskom području od 300 MHz do 6 GHz; uređaji koji se koriste u blizini uha (EN 50360:2017)
Product standard to demonstrate the compliance of wireless communication devices, with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 300 MHz to 6 GHz: devices used next to the ear (EN 50360:2017)

HRN EN 50385:2017 en pr
Norma za proizvode za pokazivanje sukladnosti opreme bazne postaje s granicama izloženosti radiofrekvencijskom elektromagnetskom polju (110 MHz - 100 GHz), kada je stavljena na tržište (EN 50385:2017)
Product standard to demonstrate the compliance of base station equipment with radiofrequency electromagnetic field exposure limits (110 MHz - 100 GHz), when placed on the market (EN 50385:2017)

HRN EN 50401:2017 en pr
Norma za proizvode za pokazivanje sukladnosti opreme bazne postaje s granicama izloženosti radiofrekvencijskom elektromagnetskom polju (110 MHz - 100 GHz), kada je puštena u rad (EN 50401:2017)
Product standard to demonstrate the compliance of base station equipment with radiofrequency electromagnetic field exposure limits (110 MHz - 100 GHz), when put into service (EN 50401:2017)

HRN EN 50566:2017 en pr
Norma proizvoda za pokazivanje sukladnosti bežičnih komunikacijskih uređaja s temeljnim ograničenjima i graničnim vrijednostima izloženosti, koja se odnosi na izloženost ljudi elektromagnetskim poljima u frekvencijskom području od 30 MHz do 6 GHz; ručni uređaji i uređaji postavljeni uz tijelo u neposrednoj blizini tijela (EN 50566:2017)
Product standard to demonstrate the compliance of wireless communication devices with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 30 MHz to 6 GHz: hand-held and body mounted devices in close proximity to the human body (EN 50566:2017)

HZN/TO E501, Elektroakustika i ultrazvuk

HRN EN 60645-1:2017 en pr
Elektroakustika – Mjerila sluha – 1. dio: Mjerila sluha s čistim tonom i govorom (IEC 60645-1:2017; EN 60645-1:2017)
Electroacoustics – Audiometric equipment – Part 1: Equipment for pure-tone and speech audiometry (IEC 60645-1:2017; EN 60645-1:2017)

HZN/TO T4, Normizacija u telekomunikacijama

HRN EN 300 698 V2.2.1:2017 en pr
Radiotelefonski odašiljači i prijarnici za pomorske pokretne službe koji rade u VHF pojasima namijenjeni za kopnene vodene puteve – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članaka 3.2 i 3.3(g) Direktive 2014/53/EU (EN 300 698 V2.2.1:2017)
Radio telephone transmitters and receivers for the maritime mobile service operating in the VHF bands used on inland waterways – Harmonised Standard covering the essential requirements of articles 3.2 and 3.3(g) of Directive 2014/53/EU (EN 300 698 V2.2.1:2017)

HRN EN 301 908-2 V11.1.2:2017 en pr
Celularne mreže IMT – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU – 2. dio: Korisnička oprema (UE) za CDMA s izravnim proširenjem (UTRA FDD) (EN 301 908-2 V11.1.2:2017)
IMT cellular networks – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU – Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE) (EN 301 908-2 V11.1.2:2017)

HRN EN 302 054 V2.1.1:2017 en pr
Meteorološka pomagala (Met pomagala) – Radiosonde za primjenu u frekvencijskom području od 400,15 MHz do 406 MHz s razinama snage do 200 mW – 2. dio: Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU (EN 302 054 V2.1.1:2017)
Meteorological Aids (Met Aids) – Radiosondes to be used in the 400,15 MHz to 406 MHz frequency range with power levels ranging up to 200 mW – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU (EN 302 054 V2.1.1:2017)

HRN EN 302 065-5 V1.1.1:2017 en pr
Uređaji kratkoga dometa (SRD) koji upotrebljavaju ultra širokopojasnu tehnologiju (UWB) – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU – 5. dio: Uređaji u kabini zrakoplova koji upotrebljavaju UWB tehnologiju (EN 302 065-5 V1.1.1:2017)
Short Range Devices (SRD) using Ultra Wide Band technology (UWB) – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU – Part 5: Devices using UWB technology onboard aircraft (EN 302 065-5 V1.1.1:2017)

HRN EN 302 454 V2.1.1:2017 en pr
Meteorološka pomagala (Met pomagala) – Radiosonde za primjenu u frekvencijskom području od 1 668,4 MHz do 1 690 MHz – 2. dio: Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU (EN 302 454 V2.1.1:2017)
Meteorological Aids (Met Aids) – Radiosondes to be used in the 1 668,4 MHz to 1 690 MHz frequency range – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU (EN 302 454 V2.1.1:2017)

HRN EN 302 636-4-1 V1.3.1:2017 en pr
Inteligentni sustavi prijevoza (ITS) – Komunikacije među vozilima – Geomrežavanje – 4. dio: Geoadresiranje i proslijeđivanje za komunikacije točka-točka i točka-točke – 1. poddio: Medijski neovisna funkcionalnost (EN 302 636-4-1 V1.3.1:2017)
Intelligent Transport Systems (ITS) – Vehicular Communications – GeoNetworking – Part 4: Geographical addressing and forwarding for point-to-point and point-to-multipoint communications – Sub-part 1: Media-independent Functionality (EN 302 636-4-1 V1.3.1:2017)

HRN EN 302 636-5-1 V2.1.1:2017 en pr
Inteligentni sustavi prijevoza (ITS) – Komunikacije među vozilima – Geomrežavanje – 5. dio: Protokoli prijevoza – 1. poddio: Bazični protokol prijevoza (EN 302 636-5-1 V2.1.1:2017)
Intelligent Transport Systems (ITS) – Vehicular Communications – GeoNetworking – Part 5: Transport Protocols – Sub-part 1: Basic Transport Protocol (EN 302 636-5-1 V2.1.1:2017)

HRN EN 303 316 V1.1.1:2017 en pr
Širokopojasna izravna komunikacija zrak-zemlja – Oprema koja radi u frekvencijskim pojasi 1 900 MHz do 1 920 MHz i 5 855 MHz do 5 875 MHz – Antene sa usmjeravajućim snopom – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU (EN 303 316 V1.1.1:2017)
Broadband Direct Air-to-Ground Communications – Equipment operating in the 1 900 MHz to 1 920 MHz and 5 855 MHz to 5 875 MHz frequency bands – Beamforming antennas – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU (EN 303 316 V1.1.1:2017)

HRN EN 303 402 V2.1.2:2017 en pr
Pomorski pokretni odašiljači i prijammnici za uporabu u MF i HF pojasi – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 i 3.3(g) Direktive 2014/53/EU (EN 303 402 V2.1.2:2017)
Maritime mobile transmitters and receivers for use in the MF and HF bands – Harmonised Standard covering the essential requirements of articles 3.2 and 3.3(g) of Directive 2014/53/EU (EN 303 402 V2.1.2:2017)

HRN EN 303 417 V1.1.1:2017 en pr
Bežični prijenos snage primjenom tehnologija različitih od radiofrekvencijskog snopa u područjima 19 - 21 kHz, 59 - 61 kHz, 79 - 90 kHz, 100 - 300 kHz, 6 765 - 6 795 kHz – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU (EN 303 417 V1.1.1:2017)
Wireless power transmission systems, using technologies other than radio frequency beam in the 19 - 21 kHz, 59 - 61 kHz, 79 - 90 kHz, 100 - 300 kHz, 6 765 - 6 795 kHz ranges – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU (EN 303 417 V1.1.1:2017)

HRN EN 303 447 V1.1.1:2017 en pr
Uređaji kratkoga dometa (SRD) – Sustavi sa induktivnom petljom za robotizirane pokretne uređaje u frekvencijskom području od 0 Hz do 148,5 kHz – Harmonizirana norma koja obuhvaća bitne zahtjeve iz članka 3.2 Direktive 2014/53/EU (EN 303 447 V1.1.1:2017)
Short Range Devices (SRD) – Inductive loop systems for robotic mowers in the frequency range 0 Hz to 148,5 kHz – Harmonised standard covering the essential requirements of article 3.2 of Directive for 2014/53/EU (EN 303 447 V1.1.1:2017)

HZN/TO Z1, Informacijska tehnologija

HRN EN 419212-1:2017 en pr
Aplikacijsko sučelje sigurnosnih elemenata za elektroničku identifikaciju, autentikaciju i usluge povjerenja – 1. dio: Uvod i zajedničke definicije (EN 419212-1:2017)
Application Interface for Secure Elements for Electronic Identification, Authentication and Trusted Services – Part 1: Introduction and common definitions (EN 419212-1:2017)

HRN EN 419212-3:2017 en pr
Aplikacijsko sučelje sigurnosnih elemenata za elektroničku identifikaciju, autentikaciju i usluge povjerenja – 3. dio: Protokoli za autentikaciju uređaja (EN 419212-3:2017)
Application Interface for Secure Elements for Electronic Identification, Authentication and Trusted Services – Part 3: Device authentication protocols (EN 419212-3:2017)

HZN/TO Z2, Ocjenjivanje sukladnosti i akreditacija

HRI ISO/IEC/TR 17028:2017 en pr
Ocjenjivanje sukladnosti – Smjernice i primjeri certifikacijske sheme za usluge (ISO/IEC TR 17028:2017)
Conformity assessment – Guidelines and examples of a certification scheme for services (ISO/IEC TR 17028:2017)

HZN/TU B1, Graditeljstvo 1

HRN EN 16516:2017 en pr
Građevni proizvodi: Procjena otpuštanja opasnih tvari – Određivanje emisija u zrak u zatvorenom prostoru (EN 16516:2017)
Construction products: Assessment of release of dangerous substances – Determination of emissions into indoor air (EN 16516:2017)

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

HRN EN 302-2:2017 en pr
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 2. dio: Određivanje otpornosti na raslojavanje (EN 302-2:2017)
Adhesives for load-bearing timber structures – Test methods – Part 2: Determination of resistance to delamination (EN 302-2:2017)

HRN EN 302-3:2017 en pr
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 3. dio: Određivanje utjecaja oštećenja drvenih vlakana kiselinom na poprečnu posmičnu čvrstoću pri cikličnim promjenama temperature i vlažnosti (EN 302-3:2017)
Adhesives for load-bearing timber structures – Test methods – Part 3: Determination of the effect of acid damage to wood fibres by temperature and humidity cycling on the transverse tensile strength (EN 302-3:2017)

HRN EN ISO 11997-1:2017 en pr
Boje i lakovi – Određivanje otpornosti na cikličke uvjete korozije – 1. dio: Mokro (slana magla)/suho/vlažno (ISO 11997-1:2017; EN ISO 11997-1:2017)
Paints and varnishes – Determination of resistance to cyclic corrosion conditions – Part 1: Wet (salt fog)/dry/humidity (ISO 11997-1:2017; EN ISO 11997-1:2017)

HRN EN ISO 15110:2017 en pr
Boje i lakovi – Umjetno starenje uključujući kiselinsko taloženje (ISO 15110:2017; EN ISO 15110:2017)
Paints and varnishes – Artificial weathering including acidic deposition (ISO 15110:2017; EN ISO 15110:2017)

HRN EN ISO 18451-1:2017 en pr
Pigmenti, bojila i punila – Nazivlje – 1. dio: Opći nazivi (ISO 18451-1:2015; EN ISO 18451-1:2017)
Pigments, dyestuffs and extenders – Terminology – Part 1: General terms (ISO 18451-1:2015; EN ISO 18451-1:2017)

HRN EN ISO 18451-2:2017 en pr
Pigmenti, bojila i punila – Nazivlje – 2. dio: Razredba materijala za bojenje prema kolorističkim i kemijskim aspektima (ISO 18451-2:2015; EN ISO 18451-2:2017)
Pigments, dyestuffs and extenders – Terminology – Part 2: Classification of colouring materials according to colouristic and chemical aspects (ISO 18451-2:2015; EN ISO 18451-2:2017)

HRN EN ISO 21294:2017 en pr
Uljarice – Ručno ili automatsko nekontinuirano uzorkovanje (ISO 21294:2017; EN ISO 21294:2017)
Oilseeds – Manual or automatic discontinuous sampling (ISO 21294:2017; EN ISO 21294:2017)

HZN/TU M1, Metalni materijali 1

HRN EN ISO 3927:2017 en pr
Metalni prahovi, osim prahova za tvrde metale – Određivanje stlačljivosti pri jednoosnoj kompresiji (ISO 3927:2017; EN ISO 3927:2017)
Metallic powders, excluding powders for hardmetals – Determination of compressibility in uniaxial compression (ISO 3927:2017; EN ISO 3927:2017)

HZN/TU N1, Nemetalni materijali 1

HRN EN ISO 18753:2017 en pr
Fina keramika (napredna keramika, tehnička keramika) – Određivanje apsolutne gustoće keramičkoga praha pomoću piknometra (ISO 18753:2017; EN ISO 18753:2017)
Fine ceramics (advanced ceramic, advanced technical ceramics) – Determination of absolute density of ceramic powders by pycnometer (ISO 18753:2017; EN ISO 18753:2017)

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

HRN EN ISO 9917-2:2017 en pr
Stomatologija – Cementi na bazi vode – 2. dio: Cementi modificirani smolom (ISO 9917-2:2017; EN ISO 9917-2:2017)
Dentistry – Water-based cements – Part 2: Resin-modified cements (ISO 9917-2:2017; EN ISO 9917-2:2017)

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

HRN EN 1459-1:2017 en pr
Vozila za teške terene – Sigurnosni zahtjevi i verifikacija – 1. dio: Vozila s promjenjivim dometom (EN 1459-1:2017)
Rough-terrain trucks – Safety requirements and verification – Part 1: Variable-reach trucks (EN 1459-1:2017)

- HRN EN 3660-031:2017 en pr
Zrakoplovstvo – Oprema kablenskog izlaza za kružne i kvadratne električne i optičke spojnice – 031. dio: Kablenski izlaz, tip K, ravni, za uvodnice koje se skupljaju na toplini, oklopljeni, zabrtvljeni za normu EN 3645 – Norma za proizvod (EN 3660-031:2017)
Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 031: Cable outlet, style K, straight, for heat shrinkable boot, shielded, sealed for EN 3645 – Product standard (EN 3660-031:2017)
- HRN EN 3660-032:2017 en pr
Zrakoplovstvo – Oprema kablenskog izlaza za kružne i kvadratne električne i optičke spojnice – 032. dio: Kablenski izlaz, tip K, ravni, za uvodnice koje se skupljaju na toplini, oklopljeni, zabrtvljeni za normu EN 2997 – Norma za proizvod (EN 3660-032:2017)
Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 032: Cable outlet, style K, straight, for heat shrinkable boot, shielded, sealed for EN 2997 – Product standard (EN 3660-032:2017)
- HRN EN 3660-034:2017 en pr
Zrakoplovstvo – Oprema optičke kabela za kružne i kvadratne električne i optičke spojnice – 034. dio: Metalni prstenovi koji zadržavaju oblik – Norma za proizvod (EN 3660-034:2017)
Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 034: Memory metal rings for the attachment of screens – Product standard (EN 3660-034:2017)
- HRN EN 3660-035:2017 en pr
Zrakoplovstvo – Oprema kablenskog izlaza za kružne i kvadratne električne i optičke spojnice – 035. dio: Kablenski izlaz, tip K, 90°, za uvodnice koje se skupljaju na toplini, oklopljeni, zabrtvljeni za normu EN 3645 – Norma za proizvod (EN 3660-035:2017)
Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 035: Cable outlet, style K, 90°, for heat shrinkable boot, shielded, sealed for EN 3645 – Product standard (EN 3660-035:2017)
- HRN EN 3660-066:2017 en pr
Zrakoplovstvo – Oprema kablenskog izlaza za kružne i kvadratne električne i optičke spojnice – 066. dio: Kablenski izlaz, tip K, 90°, za uvodnice koje se skupljaju na toplini, oklopljeni, zabrtvljeni – Norma za proizvod (EN 3660-066:2017)
Aerospace series – Cable outlet accessories for circular and rectangular electrical and optical connectors – Part 066: Cable outlet, style K, 90°, for heat shrinkable boot, shielded, sealed – Product standard (EN 3660-066:2017)
- HRN EN 4008-004:2017 en pr
Zrakoplovstvo – Elementi električne i optičke veze – Kliješta za krimpavanje i pripadajuća oprema – 004. dio: Čeljusti kliješta za krimpavanje M22520/5-01 – Norma za proizvod (EN 4008-004:2017)
Aerospace series – Elements of electrical and optical connection – Crimping tools and associated accessories – Part 004: Die for crimping tool M22520/5-01 – Product standard (EN 4008-004:2017)
- HRN EN 4165-001:2015/Ispr.3:2017 en pr
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – Dio 001: Tehnička specifikacija (EN 4165-001:2015/AC:2017)
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 001: Technical specification (EN 4165-001:2015/AC:2017)
- HRN EN 4695:2017 en pr
Zrakoplovstvo – Spojna šipka s integriranim vijcima – Varijanta sastavljanja G, H i K (EN 4695:2017)
Aerospace series – Tie Rod with integrated bolts – Assembly Code G, H and K (EN 4695:2017)
- HRN EN 4702-02:2017 en pr
Zrakoplovstvo – Brzootpuštajući spojni sustavi za nekonstrukcijske primjene i unutrašnje uređenje – Dio 02: Kombinacija opružne stezaljke i svornjaka (EN 4702-02:2017)
Aerospace series – Quick release fastening systems for non-structural and lining applications – Part 02: Spring clamp stud combination (EN 4702-02:2017)
- HRN EN 4702-03:2017 en pr
Zrakoplovstvo – Brzootpuštajući spojni sustavi za nekonstrukcijske primjene i unutrašnje uređenje – Dio 03: Svornjak koji se brzo otpušta i zaključava (EN 4702-03:2017)
Aerospace series – Quick release fastening systems for non-structural and lining applications – Part 03: Stud-quick-release and locking (EN 4702-03:2017)
- HRN EN 4702-04:2017 en pr
Zrakoplovstvo – Brzootpuštajući spojni sustavi za nekonstrukcijske primjene i unutrašnje uređenje – Dio 04: Opružna stezaljka (EN 4702-04:2017)
Aerospace series – Quick release fastening systems for non-structural and lining applications – Part 04: Spring clamp (EN 4702-04:2017)
- HRN EN 4702-05:2017 en pr
Zrakoplovstvo – Brzootpuštajući spojni sustavi za nekonstrukcijske primjene i unutrašnje uređenje – Dio 05: Sigurnosna podložna pločica (EN 4702-05:2017)
Aerospace series – Quick release fastening systems for non-structural and lining applications – Part 05: Retaining washer (EN 4702-05:2017)
- HRN EN 4729:2017 en pr
Zrakoplovstvo – Konverzijske prevlake na bazi trovalentnog kroma za aluminij i aluminijске legure (EN 4729:2017)
Aerospace series – Trivalent chromium based chemical conversion coatings for aluminium and aluminium alloys (EN 4729:2017)
- HRN EN 6128:2017 en pr
Zrakoplovstvo – Slijepi vijak, upuštene glave 100°, visoke čvrstoće (EN 6128:2017)
Aerospace series – Blind bolt, 100° flush head, high strength (EN 6128:2017)
- HRN EN 9117:2017 en pr
Zrakoplovstvo – Postupak prijenosa ovlasti za provjeru i odobravanje proizvoda na dobavljača (postupak DPRV) (EN 9117:2017)
Aerospace series – Delegated Product Release Verification (EN 9117:2017)
- HRN EN 9300-005:2017 en pr
Zrakoplovstvo – LOTAR – Dugotrajno arhiviranje i pronalaženje digitalne tehničke dokumentacije za proizvod kao što su podaci 3D, CAD i PDM – Dio 005: Utvrđivanje vjerodostojnosti i verifikacija (EN 9300-005:2017)
Aerospace series – LOTAR – Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 005: Authentication and Verification (EN 9300-005:2017)
- HRN EN 9300-007:2017 en pr
Zrakoplovstvo – LOTAR – Dugotrajno arhiviranje i pronalaženje digitalne tehničke dokumentacije za proizvod kao što su podaci 3D, CAD i PDM – Dio 007: Nazivi i upućivanja (EN 9300-007:2017)
Aerospace series – LOTAR – Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data – Part 007: Terms and References (EN 9300-007:2017)
- HRN EN 15194:2017 en pr
Bicikli – Bicikli s pomoćnim električnim pogonom – EPAC Bicikli (EN 15194:2017)
Cycles – Electrically power assisted cycles – EPAC Bicycles (EN 15194:2017)
- HRN EN 16603-70-41:2017 en pr
Svemirsko inženjerstvo – Upotreba telemetrijskih i telekomandnih paketa (EN 16603-70-41:2017)
Space engineering – Telemetry and telecommand packet utilization (EN 16603-70-41:2017)

HZN/TU U1, Opća elektrotehnika 1

- HRN EN 60695-11-2:2017 en pr
Ispitivanje opasnosti od požara – Dio 11-2: Ispitni plamenovi – Pripremljeni ispitni plamen nominalne snage 1 kW – Uređaji, postupak ispitivanja za potvrđivanje i upute (IEC 60695-11-2:2017; EN 60695-11-2:2017)
Fire hazard testing – Part 11-2: Test flames – 1 kW nominal pre-mixed flame – Apparatus, confirmatory test arrangement and guidance (IEC 60695-11-2:2017; EN 60695-11-2:2017)

HRN EN 62569-1:2017 en pr
Generička specifikacija podataka o svojstvima proizvoda – 1. dio: Načela i metode (IEC 62569-1:2017; EN 62569-1:2017)
Generic specification of information on products by properties – Part 1: Principles and methods (IEC 62569-1:2017; EN 62569-1:2017)

HZN/TU V1, Elektronika 1

HRN EN 50090-6-1:2017 en pr
Home and Building Electronic Systems (HBES) – Part 6-1: Interfaces – Webservice interface (EN 50090-6-1:2017)

HRN EN 50380:2017 en pr
Marking and documentation requirements for Photovoltaic Modules (EN 50380:2017)

HRN EN 60384-15:2017 en pr
Fixed capacitors for use in electronic equipment – Part 15: Sectional specification – Fixed tantalum capacitors with non-solid or solid electrolyte (IEC 60384-15:2017; EN 60384-15:2017)

HRN EN 60749-43:2017 en pr
Semiconductor devices – Mechanical and climatic test methods – Part 43: Guidelines for IC reliability qualification plans (IEC 60749-43:2017; EN 60749-43:2017)

HRN EN 60904-1-1:2017 en pr
Photovoltaic devices – Part 1-1: Measurement of current-voltage characteristics of multi-junction photovoltaic devices (IEC 60904-1-1:2017; EN 60904-1-1:2017)

HRN EN 60904-8-1:2017 en pr
Photovoltaic devices – Part 8-1: Measurement of spectral responsivity of multi-junction photovoltaic (PV) devices (IEC 60904-8-1:2017; EN 60904-8-1:2017)

HRN EN 61076-3-104:2017 en pr
Connectors for electronic equipment – Product requirements – Part 3-104: Detail specification for 8-way, shielded free and fixed connectors for data transmissions with frequencies up to 2000 MHz (IEC 61076-3-104:2017; EN 61076-3-104:2017)

HRN EN 61076-3-122:2017 en pr
Connectors for electrical and electronic equipment – Product requirements – Part 3-122: Detail specification for 8-way, shielded, free and fixed connectors for I/O and Gigabit Ethernet applications in harsh environments (IEC 61076-3-122:2017; EN 61076-3-122:2017)

HRN EN 61169-58:2016/Ispr.1:2017 en pr
Radio-frequency connectors – Part 58: Sectional specification for RF coaxial connectors with blind-mate coupling – Characteristic impedance 50 Ω (type SBMA) (IEC 61169-58:2016/Corr.1:2017; EN 61169-58:2016/AC:2017)

HRN EN 61169-59:2017 en pr
Radio-frequency connectors – Part 59: Sectional specification for type L32-4 and L32-5 threaded multi-pin radio-frequency connectors (IEC 61169-59:2017; EN 61169-59:2017)

HRN EN 61191-3:2017 en pr
Printed board assemblies – Part 3: Sectional specification – Requirements for through-hole mount soldered assemblies (IEC 61191-3:2017; EN 61191-3:2017)

HRN EN 61757-2-2:2017 en pr
Fibre optic sensors – Part 2-2: Temperature measurement – Distributed sensing (IEC 61757-2-2:2016; EN 61757-2-2:2017)

HRN EN 62496-2:2017 en pr
Optical circuit boards – Basic test and measurement procedures – Part 2: General guidance for definition of measurement conditions for optical characteristics of optical circuit boards (IEC 62496-2:2017; EN 62496-2:2017)

HRN EN 62884-1:2017 en pr
Measurement techniques of piezoelectric, dielectric and electrostatic oscillators – Part 1: Basic methods for the measurement (IEC 62884-1:2017; EN 62884-1:2017)

HZN/TU W1, Energetska elektrotehnika 1

HRN EN 61810-2-1:2017 en pr
Elektromehanički osnovni releji – Dio 2-1: Pouzdanost – Postupak za verifikaciju vrijednosti B10 (IEC 61810-2-1:2017; EN 61810-2-1:2017)
Electromechanical elementary relays – Part 2-1: Reliability – Procedure for the verification of B10 values (IEC 61810-2-1:2017; EN 61810-2-1:2017)

HRN EN 61810-2:2017 en pr
Elektromehanički osnovni releji – 2. dio: Pouzdanost (IEC 61810-2:2017; EN 61810-2:2017)
Electromechanical elementary relays – Part 2: Reliability (IEC 61810-2:2017; EN 61810-2:2017)

HRN EN 62256:2017 en pr
Hidraulične turbine, pumpe za spremnike i turbinske pumpe – Poboljšanje oporavka i značajki (IEC 62256:2017; EN 62256:2017)
Hydraulic turbines, storage pumps and pump-turbines – Rehabilitation and performance improvement (IEC 62256:2017; EN 62256:2017)

1.3 Prijedlozi za prihvaćanje stranih norma u izvorniku

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

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

HZN/TO 21, Protupožarna i vatrogasna oprema

prEN 15276-1 en
Fixed firefighting systems – Condensed aerosol extinguishing systems – Part 1: Requirements and test methods for components
Stabilni protupožarni sustavi – Sustavi za gašenje kondenziranim aerosolom – 1. dio: Zahtjevi i metode ispitivanja dijelova

prEN 15276-2 en
Fixed firefighting systems – Condensed aerosol extinguishing systems – Part 2: Design, installation and maintenance
Stabilni protupožarni sustavi – Sustavi za gašenje kondenziranim aerosolom – 2. dio: Projektiranje, ugradnja i održavanje

HZN/TO 22, Cestovna vozila

prEN ISO 16923 en
Natural gas fuelling stations – CNG stations for fuelling vehicles (ISO 16923:2016)
Stanice za punjenje prirodnim plinom – Stanice za punjenje vozila stlačenim prirodnim plinom (SPP) (ISO 16923:2016)

prEN ISO 16924 en
Natural gas fuelling stations – LNG stations for fuelling vehicles (ISO 16924:2016)
Stanice za punjenje prirodnim plinom – Stanice za punjenje vozila ukapljenim prirodnim plinom (UNP) (ISO 16924:2016)

HZN/TO 28, Naftni proizvodi i maziva

prEN ISO 12156-1 en
Diesel fuel – Assessment of lubricity using the high-frequency reciprocating rig (HFRR) – Part 1: Test method (ISO/DIS 12156-1:2017)
Dizelsko gorivo – Ocjenjivanje mazivosti uporabom vibracijskog uređaja visoke frekvencije (HFRR) – 1. dio: Ispitna metoda (ISO/DIS 12156-1:2017)

HZN/TO 43, Akustika

prEN ISO 7779 en
Acoustics – Measurement of airborne noise emitted by information technology and telecommunications equipment (ISO/DIS 7779:2017)
Akustika – Mjerenje buke koju emitira informatička i telekomunikacijska oprema (ISO/DIS 7779:2017)

HZN/TO 44, Zavarivanje i srodni postupci

prEN ISO 15626 en
Non-destructive testing of welds – Time-of-flight diffraction technique (TOFD) – Acceptance levels (ISO/DIS 15626:2017)
Nerazorno ispitivanje zavarenih spojeva – Tehnika ultrazvučne difrakcije (TOFD) – Razine prihvatljivosti (ISO/DIS 15626:2017)

HZN/TO 121, Anestetička i respiracijska oprema

prEN ISO 80601-2-12 en
Medical electrical equipment – Part 2-12: Particular requirements for basic safety and essential performance of critical care ventilators (ISO/DIS 80601-2-12:2017)
Medicinski električni uređaji – Dio 2-12: Posebni zahtjevi za osnovnu sigurnost i nužne značajke opreme za pojačanu zaštitu ventilatora (ISO/DIS 80601-2-12:2017)

HZN/TO 130, Grafička tehnologija

ISO 2846-1:2017 en
Graphic technology – Colour and transparency of printing ink sets for four-colour printing – Part 1: Sheet-fed and heat-set web offset lithographic printing
Grafička tehnologija – Obojenje i transparentija tiskarskih bojila za četverbojni tisak – 1. dio: Ofsetni litografski tisak iz arka i role

HZN/TO 146, Kvaliteta zraka

prEN 16868 en
Ambient air – Sampling and analysis of airborne pollen grains and fungal spores for networks related to allergy – Volumetric Hirst method
Vanjski zrak – Uzorkovanje i analiza polenskih zrnaca i gljivičnih spora u zraku za potrebe mreža povezanih s alergijama – Volumetrijska Hirstova metoda

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

prEN ISO 8199 en
Water quality – General requirements and guidance for microbiological examinations by culture (ISO/DIS 8199:2017)
Kvaliteta vode – Opći zahtjevi i smjernice za mikrobiološka ispitivanja uzgojenih mikroorganizama (ISO/DIS 8199:2017)

HZN/TO 190, Kvaliteta tla

EN ISO 28258:2013/prA1 en
Soil quality – Digital exchange of soil-related data (ISO 28258:2013/DAMd 1:2017)
Kvaliteta tla – Digitalna razmjena podataka koji se odnose na tlo (ISO 28258:2013/DAMd 1:2017)

HZN/TO 207, Upravljanje okolišem

prEN ISO 14067 en
Greenhouse gases – Carbon footprint of products – Requirements and guidelines for quantification (ISO/DIS 14067:2017)
Staklenički plinovi – Ugljikov otisak proizvoda – Zahtjevi i smjernice za kvantifikaciju (ISO/DIS 14067:2017)

HZN/TO 215, Medicinska informatika

prEN ISO 13120 en
Health informatics – Syntax to represent the content of healthcare classification systems – Classification Markup Language (ClAML) (ISO/DIS 13120:2017)
Medicinska informatika – Sintaksa za prikaz sadržaja sustava razredbe u zdravstvenoj zaštiti – Jezik za označavanje razredbe (ClAML) (ISO/DIS 13120:2017)

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

prEN ISO 16812 en
Petroleum, petrochemical and natural gas industries – Shell-and-tube heat exchangers (ISO/DIS 16812:2017)
Industrija nafte i prirodnog plina – Izmjenjivači topline s cijevnim snopom u plaštu (ISO/DIS 16812:2017)

HZN/TO 513, Mjerne jedinice i mjerila

ISO 20456:2017 en
Measurement of fluid flow in closed conduits – Guidance for the use of electromagnetic flowmeters for conductive liquids
Mjerenje protoka kapljevina u zatvorenim cjevovodima – Upute za uporabu elektromagnetskih uređaja za mjerenje protoka vodljivih kapljevina

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

EN 13001-3-2:2014/prA1 en
Cranes – General design – Part 3-2: Limit states and proof of competence of wire ropes in reeving systems
Granici – Opće projektiranje – Dio 3-2: Granična stanja i dokaz sigurnosti žičane užadi u sustavima namatanja

prEN 13155 en
Crane – Safety – Non-fixed load lifting attachments
Granici – Sigurnost – Ovjjesna sredstva

HZN/TO 531, Plastika i guma

prEN ISO 21305-1 en
Plastics – Polycarbonate (PC) moulding and extrusion materials – Part 1: Designation system and basis for specifications (ISO/DIS 21305-1:2017)
Plastika – Polikarbonatni (PC) materijali za kalupljenje i ekstrudiranje – 1. dio: Sustav označavanja i osnove za specifikacije (ISO/DIS 21305-1:2017)

prEN ISO 21305-2 en
Plastics – Polycarbonate (PC) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO/DIS 21305-2:2017)
Plastika – Polikarbonatni (PC) materijali za kalupljenje i ekstrudiranje – 2. dio: Priprava ispitaka i određivanje svojstava (ISO/DIS 21305-2:2017)

prEN ISO 21309-2 en
Plastics – Ethylene/vinyl alcohol (EVOH) copolymer moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO/DIS 21309-2:2017)
Plastika – Etilen/vinil-alkoholni (EVOH) kopolimerni materijali za kalupljenje i ekstrudiranje – 2. dio: Priprava ispitaka i određivanje svojstava (ISO/DIS 21309-2:2017)

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

prEN 13031-1 en
Greenhouses: Design and Construction – Part 1: Commercial production greenhouses
Staklenici: Projektiranje i izgradnja – 1. dio: Staklenici za komercijalnu proizvodnju

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

prEN ISO 13385-1 en
Geometrical product specifications (GPS) – Dimensional measuring equipment – Part 1: Design and metrological characteristics of callipers (ISO/DIS 13385-1:2017)

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

prEN 13141-1 en
Ventilation for buildings – Performance testing of components/products for residential ventilation – Part 1: Externally and internally mounted air transfer devices
Ventilacija u zgradama – Ispitivanje dijelova/proizvoda za stambenu ventilaciju – 1. dio: Uređaji za prijenos zraka montirani izvana i iznutra

prEN 17170 en
Fans – Safety requirements
Ventilatori – Sigurnosni zahtjevi

HZN/TO 551, Gradnja

ISO 9836:2017 en
Performance standards in building – Definition and calculation of area and space indicators
Standardi za svojstva zgrada – Definicija i proračun pokazatelja ploštine i prostora

ISO 19208:2016 en
Framework for specifying performance in buildings
Okvir za specificiranje svojstava u zgradama

HZN/TO 553, Predgotovljeni proizvodi

prEN ISO 10545-2 en
Ceramic tiles – Part 2: Determination of dimensions and surface quality (ISO/DIS 10545-2:2017)
Keramičke pločice – 2. dio: Određivanje dimenzija i površinske kakvoće (ISO/DIS 10545-2:2017)

EN 12764:2015/prA1:2017 en
Sanitary appliances – Specification for whirlpool baths
Sanitarni uređaji – Specifikacija za vrtložne kade

EN 14428:2015/prA1:2017 en
Shower enclosures – Functional requirements and test methods
Stijenke tuš kabine – Funkcionalni zahtjevi i metode ispitivanja

EN 14516:2015/prA1:2017 en
Baths for domestic purposes
Kade za upotrebu u kućanstvu

EN 14527:2016/prA1:2017 en
Shower trays for domestic purposes
Tuš-kade za upotrebu u kućanstvu

HZN/TO 554, Obrada otpadnih voda

prEN 1295-1 en
Structural design of buried pipelines under various conditions of loading – Part 1: General requirements
Statički proračun podzemnih cjevovoda pod različitim uvjetima opterećenja – 1. dio: Opći zahtjevi

prEN 16941-2 en
On-site non-potable water systems – Part 2: Systems for the use of treated greywater
Sustavi za prikupljanje nepitke vode koja se upotrebljava na licu mjesta – 2. dio: Sustavi za uporabu obrađene sive vode

HZN/TO 555, Medicinski proizvodi

prEN ISO 11607-1 en
Packaging for terminally sterilized medical devices – Part 1: Requirements for materials, sterile barrier systems and packaging systems (ISO/DIS 11607-1:2017)
Ambalaža za završno sterilizirane medicinske proizvode – 1. dio: Zahtjevi za materijale, sustave sterilne obloge i sustave ambalaže (ISO/DIS 11607-1:2017)

prEN ISO 11607-2 en
Packaging for terminally sterilized medical devices – Part 2: Validation requirements for forming, sealing and assembly processes (ISO/DIS 11607-2)
Ambalaža za završno sterilizirane medicinske proizvode – 2. dio: Vrednovanje zahtjeva za oblikovanje, lijepljenje i postupke sastavljanja (ISO/DIS 11607-2)

HZN/TO 557, Zaštitna odjeća

prEN 407 en
Protective gloves against thermal risks (heat and/or fire)
Rukavice za zaštitu od toplinskih rizika (topline i/ili vatre)

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

EN 13451-2:2015/prA1:2017 en
Swimming pool equipment – Part 2: Additional specific safety requirements and test methods for ladders, stepladders and handle bends
Oprema za bazene – 2. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za ljestve, ljestve sa stubama i rukohvate

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

prEN ISO 23470 en
Soil quality – Determination of effective cation exchange capacity (CEC) and exchangeable cations using a hexamminecobalt trichloride solution (ISO/DIS 23470:2017)
Kvaliteta tla – Određivanje efektivnoga kationskog izmjenjivačkog kapaciteta (KIK) i izmjenjivih kationa primjenom heksaminkobalt triklorid otopine (ISO/DIS 23470:2017)

HZN/TO E11, Nadzemni vodovi

EN 50341-2-8:2017 en
Overhead electrical lines exceeding AC 1 kV – Part 2-4: National Normative Aspects (NNA) for Germany (based on EN 50341-1:2012)
Nadzemni električni vodovi izmjenične struje iznad 1 kV – Dio 2-13: Nacionalni normativni aspekti (NNA) za Njemačku (na temelju EN 50341-1:2012)

HZN/TO E17, Sklopni i upravljački uređaji

prEN 62271-209:2017 en
High-voltage switchgear and controlgear – Part 209: Cable connections for gas-insulated metal-enclosed switchgear for rated voltages above 52 kV – Fluid-filled and extruded insulation cables – Fluid-filled and dry-type cable-terminations (IEC 62271-209:201X)
Visokonaponska sklopna aparatura – 209. dio: Kabelski spojevi za plinom izolirane, metalom oklopljene sklopne blokove za nazivne napone iznad 52 kV – Kabelski završeci ispunjeni tekućim medijem i kabelski završeci suhog tipa (IEC 62271-209:201X)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

EN 62707-1:2014/prA1:2017 en
LED-binning – Part 1: General requirements and white colour grid (IEC 62707-1:2013/am1:201X)
Označavanje svjetlećih dioda (LED) – 1. dio: Opći zahtjevi i bijela mreža (IEC 62707-1:2013/am1:201X)

HZN/TO E42, Visokonaponska ispitivanja

prEN 61083-1:2017 en
Instruments and software used for measurements in high-voltage and high-current tests – Part 1: Requirements for instruments for impulse tests (PROPOSED HORIZONTAL STANDARD) (IEC 61083-1:201X)

HZN/TO E62, Električna oprema u medicinskoj praksi

prEN 60601-2-1:2017 en
Medical electrical equipment – Part 2-1: Particular requirements for the basic safety and essential performance of electron accelerators in the range 1 MeV to 50 MeV (IEC 60601-2-1:201X)
Medicinska električna oprema – Dio 2-1: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke elektronskih akceleratora u području od 1 MeV do 50 MeV (IEC 60601-2-1:201X)

prEN 62464-1:2017 en
Magnetic resonance equipment for medical imaging – Part 1: Determination of essential image quality parameters (IEC 62464-1:201X)
Uređaji za dobivanje medicinskih slika pomoću magnetske rezonancije – 1. dio: Određivanje osnovnih parametara kakvoće slike (IEC 62464-1:201X)

HZN/TO E76, Sigurnost optičkoga zračenja i laserska oprema

prEN 60601-2-22:2017 en
Medical electrical equipment – Part 2-22: Particular requirements for basic safety and essential performance of surgical, cosmetic, therapeutic and diagnostic laser equipment (IEC 60601-2-22:201X)
Medicinska električna oprema – Dio 2-22: Posebni zahtjevi za temeljnu sigurnost i nužne značajke kirurške, kozmetičke, terapijske i dijagnostičke laserske opreme (IEC 60601-2-22:201X)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

EN 55011:2016/prA2:2017 {fragment 2} en
Industrial, scientific and medical equipment – Radio-frequency disturbance characteristics – Limits and methods of measurement – Requirements for semiconductor power converters (SPC)
Industrijska, znanstvena i medicinska oprema – Karakteristike radiosmetnja – Granice i metoda mjerenja – Zahtjevi za poluvodičke pretvarače snage (SPC)

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

prEN 17169 en
Tattooing – Safe and hygienic practice

HZN/TU I2, Strojarstvo 2

prEN 12609 en
Truck mixers – Safety requirements
Kamioni mješalice – Sigurnosni zahtjevi

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

EN ISO 6872:2015/prA1 en
Dentistry – Ceramic materials (ISO 6872:2015/Amd 1)
Stomatologija – Keramički materijali (ISO 6872:2015/Amd 1)

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

FprEN 2591-100 en
Aerospace series – Elements of electrical and optical connection – Test methods – Part 100: General
Nizovi o zrakoplovstvu – Elementi električne i optičke veze – Metode ispitivanja – 100. dio: Općenito

FprEN 2899 en
Aerospace series – Vulcanized rubbers – Test on the susceptibility to corrosion in a damp atmosphere of metals in contact with vulcanized rubbers

FprEN 3646-003 en
Aerospace series – Connectors, electrical, circular, bayonet coupling, operating temperature 175 °C or 200 °C continuous – Part 003: Receptacle, square flange mounting – Product standard
Nizovi o zrakoplovstvu – Spojnice, električne, kružne, bajonetni spoj, stalne radne temperature 175 °C ili 200 °C – 003. dio: Utičnica, s kvadratnom prirubnicom za montažu – Norma za proizvod

FprEN 3719 en
Aerospace series – Aluminium or aluminium alloy conductors for electrical cables – Product standard
Nizovi o zrakoplovstvu – Vodiči za električne kabele od aluminija ili legura aluminija – Norma za proizvod

FprEN 4165-022 en
Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 022: Insertion/extraction tool for removal of modules – Product standard
Nizovi o zrakoplovstvu – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – 022. dio: Alat za umetanje/izvlačenje za uklanjanje modula – Norma za proizvod

FprEN 4604-010 en
Aerospace series – Cable; electrical; for signal transmission – Part 010 : Cable, coaxial, light weight, 50 Ohms, 200 °C, type KX (light WD) – Product standard
Zrakoplovstvo – Kabel, električni, za prijenos signala – Dio 010: Kabel, koaksijalni, lagani, 50 Oma, 200 °C, tip KX (lagani WD) – Norma za proizvod

FprEN 4838-005 en
Aerospace series – Arc fault circuit breakers, single-pole, temperature compensated, rated current 3 A to 25 A – 115 V a.c. 400 Hz Constant Frequency – Part 005: With polarized signal contact – Product standard

prEN 16602-70-26 en
Space product assurance – Crimping of high-reliability electrical connections
Osiguranje kvalitete proizvoda za upotrebu u svemiru – Krimpanje električnih kontakata visoke pouzdanosti

prEN 16602-70-60 en
Space product assurance – Qualification and Procurement of printed circuit boards

HZN/TU V1, Elektronika 1

EN 60191-4:2014/prA1:2017 en
Mechanical standardization of semiconductor devices – Part 4: Coding system and classification into forms of package outlines for semiconductor device packages (IEC 60191-4:2013/am1:201X)

prEN 60286-5:2017 en
Packaging of components for automatic handling – Part 5: Matrix trays (IEC 60286-5:201X)

prEN 61051-1:2017 en
Varistors for use in electronic equipment – Part 1: Generic specification (IEC 61051-1:201X)

prEN 61853-3:2017 en
Photovoltaic (PV) module performance testing and energy rating – Part 3: Energy rating of PV modules (IEC 61853-3:201X)

prEN 61853-4:2017 en
Photovoltaic (PV) module performance testing and energy rating – Part 4: Standard reference climatic profiles (IEC 61853-4:201X)

prEN 62966-1:2017 en
Mechanical structures for electrical and electronic equipment – Aisle containment for IT cabinets – Part 1: Dimensions and mechanical requirements (IEC 62966-1:201X)

HZN/TU W1, Energetska elektrotehnika 1

EN 60691:2016/prA1:2017 en
Thermal-links – Requirements and application guide (IEC 60691:2015/am1:201X)
Toplinski zaštitni ulošci – Zahtjevi i upute za primjenu (IEC 60691:2015/am1:201X)

1.4 Povučene hrvatske norme

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

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

HZN/TO 8, Brodogradnja

HRN EN ISO 11105:2001 en
Mala plovila – Ventilacija prostora za smještaj benzinskih motora i/ili benzinskih spremnika (ISO 11105:1997; EN ISO 11105:1997)
Small craft – Ventilation of petrol engine and/or tank compartments (ISO 11105:1997; EN ISO 11105:1997)
- zamijenjena s: HRN EN ISO 11105:2017

HRN EN ISO 12217-1:2015 en
Mala plovila – Ocjenjivanje i razredba stabiliteta i plovnosti – 1. dio: Plovila bez jedara duljine trupa 6 m ili više (ISO 12217-1:2015; EN ISO 12217-1:2015)
Small craft – Stability and buoyancy assessment and categorization – Part 1: Non-sailing boats of hull length greater than or equal to 6 m (ISO 12217-1:2015; EN ISO 12217-1:2015)
- zamijenjena s: HRN EN ISO 12217-1:2017

HRN EN ISO 12217-2:2015 en
Mala plovila – Ocjenjivanje i razredba stabiliteta i plovnosti – 2. dio: Plovila s jedrima duljine trupa 6 m ili više (ISO 12217-2:2015; EN ISO 12217-2:2015)
Small craft – Stability and buoyancy assessment and categorization – Part 2: Sailing boats of hull length greater than or equal to 6 m (ISO 12217-2:2015; EN ISO 12217-2:2015)
- zamijenjena s: HRN EN ISO 12217-2:2017

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

HRN EN 15695-1:2010 en
Poljoprivredni traktori i samokretne prskalice – Zaštita operatera (vozača) od opasnih tvari – 1. dio: Razredba kabina, zahtjevi i postupci ispitivanja (EN 15695-1:2009)
Agricultural tractors and self-propelled sprayers – Protection of the operator (driver) against hazardous substances – Part 1: Cab classification, requirements and test procedures (EN 15695-1:2009)
- zamijenjena s: HRN EN 15695-1:2017

HRN EN 15695-2:2010 en
Poljoprivredni traktori i samopogonjene prskalice – Zaštita operatera (vozača) od opasnih tvari – 2. dio: Filtri, zahtjevi i postupci ispitivanja (EN 15695-2:2009)
Agricultural tractors and self-propelled sprayers – Protection of the operator (driver) against hazardous substances – Part 2: Filters, requirements and test procedures (EN 15695-2:2009)
- zamijenjena s: HRN EN 15695-2:2017

HRN EN 15695-2:2010/Ispr.1:2013 en
Poljoprivredni traktori i samopogonjene prskalice – Zaštita operatera (vozača) od opasnih tvari – 2. dio: Filtri, zahtjevi i postupci ispitivanja (EN 15695-2:2009/AC:2011)
Agricultural tractors and self-propelled sprayers – Protection of the operator (driver) against hazardous substances – Part 2: Filters, requirements and test procedures (EN 15695-2:2009/AC:2011)
- zamijenjena s: HRN EN 15695-2:2017

HZN/TO 25, Ljevarstvo

HRN EN 12438:2001 en
Magnezij i magnezijeve legure – Magnezijeve legure za lijevane anode (EN 12438:1998)
Magnesium and magnesium alloys – Magnesium alloys for cast anodes (EN 12438:1998)
- zamijenjena s: HRN EN 12438:2017

HZN/TO 28, Naftni proizvodi i maziva

HRN EN ISO 2592:2004 en
Određivanje točke paljenja i točke gorenja – Metoda otvorene posude po Clevelandu (ISO 2592:2000; EN ISO 2592:2001)
Determination of flash and fire points – Cleveland open cup method (ISO 2592:2000; EN ISO 2592:2001)
- zamijenjena s: HRN EN ISO 2592:2017

HZN/TO 37, Terminologija

HRI ISO/TR 22134:2010 en
Praktične smjernice za socioterminologiju (ISO/TR 22134:2007)
Practical guidelines for socioterminology (ISO/TR 22134:2007)
- bez zamjene

HZN/TO 44, Zavarivanje i srodni postupci

HRN EN ISO 9455-13:2001 en
Talila za meko lemljenje – Metode ispitivanja – 13. dio: Određivanje rasprskavanja talila (ISO 9455-13:1996; EN ISO 9455-13:1999)
Soft soldering fluxes – Test methods – Part 13: Determination of flux spattering (ISO 9455-13:1996; EN ISO 9455-13:1999)
- zamijenjena s: HRN EN ISO 9455-13:2017

HRN EN ISO 9455-15:2001 en
Talila za meko lemljenje – Metode ispitivanja – 15. dio: Ispitivanje korozije prema bakru (ISO 9455-15:1996; EN ISO 9455-15:1999)
Soft soldering fluxes – Test methods – Part 15: Copper corrosion test (ISO 9455-15:1996; EN ISO 9455-15:1999)
- zamijenjena s: HRN EN ISO 9455-15:2017

HRN EN ISO 14271:2011 en
Elektrotoporno zavarivanje – Ispitivanje tvrdoće prema Vickersu (malo opterećenje i mikrotvrdoća) elektrootporno zavarenih točkastih, bradavičastih i šavnih spojeva (ISO 14271:2011; EN ISO 14271:2011)
Resistance welding – Vickers hardness testing (low-force and microhardness) of resistance spot, projection, and seam welds (ISO 14271:2011; EN ISO 14271:2011)
- zamijenjena s: HRN EN ISO 14271:2017

HRN EN ISO 14271:2011/Ispr.1:2014 en
Elektrotoporno zavarivanje – Ispitivanje tvrdoće prema Vickersu (malo opterećenje i mikrotvrdoća) elektrootporno zavarenih točkastih, bradavičastih i šavnih spojeva – Tehnički ispravak 1 (ISO 14271:2011/Cor 1:2012; EN ISO 14271:2011/AC:2012)
Resistance welding – Vickers hardness testing (low-force and microhardness) of resistance spot, projection, and seam welds – Technical Corrigendum 1 (ISO 14271:2011/Cor 1:2012; EN ISO 14271:2011/AC:2012)
- zamijenjena s: HRN EN ISO 14271:2017

HRN EN ISO 23279:2010 en
Nerazorno ispitivanje zavara – Ultrazvučno ispitivanje – Karakterizacija indikacija u zavarima (ISO 23279:2010; EN ISO 23279:2010)
Non-destructive testing of welds – Ultrasonic testing – Characterization of indications in welds (ISO 23279:2010; EN ISO 23279:2010)
- zamijenjena s: HRN EN ISO 23279:2017

HRN EN 29455-11:2002 en
Talila za meko lemljenje – Ispitne metode – 11. dio: Rastvorivost ostataka talila (ISO 9455-11:1991; EN 29455-11:1993)
Soft soldering fluxes – Test methods – Part 11: Solubility of flux residues (ISO 9455-11:1991; EN 29455-11:1993)
- zamijenjena s: HRN EN ISO 9455-11:2017

HRN EN 29455-14:2002 en
Talila za meko lemljenje – Ispitne metode – 14. dio: Ocjena prirođivosti ostataka talila (ISO 9455-14:1991; EN 29455-14:1993)
Soft soldering fluxes – Test methods – Part 14: Assessment of tackiness of flux residues (ISO 9455-14:1991; EN 29455-14:1993)
- zamijenjena s: HRN EN ISO 9455-14:2017

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

HRN EN 13771-2:2008 en
Kompresori i kondenzacijske jedinice za hlađenje – Ispitivanje značajka i ispitne metode – 2. dio: Kondenzacijske jedinice (EN 13771-2:2007)
Compressors and condensing units for refrigeration – Performance testing and test methods – Part 2: Condensing units (EN 13771-2:2007)
- zamijenjena s: HRN EN 13771-2:2017

HZN/TO 120, Koža i obuća

HRN EN ISO 17231:2011 en
Koža – Fizikalna i mehanička ispitivanja – Određivanje vodoodbojnosti odječe od kože (ISO 17231:2006; EN ISO 17231:2011)
Leather – Physical and mechanical tests – Determination of water repellency of garment leather (ISO 17231:2006; EN ISO 17231:2011)
- zamijenjena s: HRN EN ISO 17231:2017

HZN/TO 136, Namještaj

HRN EN 16121:2013 en
Namještaj za skladištenje koji nije za kućnu uporabu – Zahtjevi za sigurnost, čvrstoću, izdržljivost i stabilnost (EN 16121:2013)
Non-domestic storage furniture – Requirements for safety, strength, durability and stability (EN 16121:2013)
- zamijenjena s: HRN EN 16121:2017

HZN/TO 146, Kvaliteta zraka

HRN ISO 9096/Cor 1:2007 en
Emisije iz stacionarnih izvora – Ručna metoda određivanja masene koncentracije čestica (ISO 9096:2003/Cor 1:2006)
Stationary source emissions – Manual determination of mass concentration of particulate matter (ISO 9096:2003/Cor 1:2006)
- zamijenjena s: HRN ISO 9096:2017

HRN ISO 9096:2006 en
Emisije iz stacionarnih izvora – Ručna metoda određivanja masene koncentracije čestica (ISO 9096:2003)
Stationary source emissions – Manual determination of mass concentration of particulate matter (ISO 9096:2003)
- zamijenjena s: HRN ISO 9096:2017

HZN/TO 159, Ergonomija

HRN EN ISO 7250-1:2011 en
Temeljna antropološkijska mjerenja ljudskog tijela za tehnološki dizajn – 1. dio: Definicije i obilježja antropološkijskih mjerenja (ISO 7250-1:2008; EN ISO 7250-1:2010)
Basic human body measurements for technological design – Part 1: Body measurement definitions and landmarks (ISO 7250-1:2008; EN ISO 7250-1:2010)
- zamijenjena s: HRN EN ISO 7250-1:2017

HRN EN 27243:2003 en

Vruće okoline – Prosudba toplinskih opterećenja radnika, utemeljena na TVT indeksu (temperatura vlažnog termometra) (ISO 7243:1989; EN 27243:1993)
Hot environments – Estimation of the heat stress on working man, based on the WBGT - index (wet bulb globe temperature) (ISO 7243:1989; EN 27243:1993)
- zamijenjena s: HRN EN ISO 7243:2017

HZN/TO 163, Toplinska izolacija

HRN EN ISO 12569:2012 en

Toplinska svojstva zgrada i materijala – Određivanje specifične stope protoka zraka u zgradama – Metoda s plinom kao indikatorom (ISO 12569:2012; EN ISO 12569:2012)
Thermal performance of buildings and materials – Determination of specific airflow rate in buildings – Tracer gas dilution method (ISO 12569:2012; EN ISO 12569:2012)
- zamijenjena s: HRN EN ISO 12569:2017

HZN/TO 172, Optika i optički instrumenti

HRN EN ISO 18369-1:2008 en

Oftalmološka optika – Kontaktne leće – 1. dio: Terminološki rječnik, razredbeni sustav i preporuke za označavanje specifikacija (ISO 18369-1:2006; EN ISO 18369-1:2006)
Ophthalmic optics – Contact lenses – Part 1: Vocabulary, classification system and recommendations for labelling specifications (ISO 18369-1:2006; EN ISO 18369-1:2006)
- zamijenjena s: HRN EN ISO 18369-1:2017

HRN EN ISO 18369-1:2008/A1:2010 en

Oftalmološka optika – Kontaktne leće – 1. dio: Terminološki rječnik, razredbeni sustav i preporuke za označavanje specifikacija (ISO 18369-1:2006/Amd 1:2009; EN ISO 18369-1:2006/A1:2009)
Ophthalmic optics – Contact lenses – Part 1: Vocabulary, classification system and recommendations for labelling specifications – Amendment 1 (ISO 18369-1:2006/Amd 1:2009; EN ISO 18369-1:2006/A1:2009)
- zamijenjena s: HRN EN ISO 18369-1:2017

HRN EN ISO 18369-2:2013 en

Oftalmološka optika – Kontaktne leće – 2. dio: Tolerancije (ISO 18369-2:2012; EN ISO 18369-2:2012)
Ophthalmic optics – Contact lenses – Part 2: Tolerances (ISO 18369-2:2012; EN ISO 18369-2:2012)
- zamijenjena s: HRN EN ISO 18369-2:2017

HRN EN ISO 18369-3:2008 en

Oftalmološka optika – Kontaktne leće – 3. dio: Metode mjerenja (ISO 18369-3:2006; EN ISO 18369-3:2006)
Ophthalmic optics – Contact lenses – Part 3: Measurement methods (ISO 18369-3:2006; EN ISO 18369-3:2006)
- zamijenjena s: HRN EN ISO 18369-3:2017

HRN EN ISO 18369-4:2008 en

Oftalmološka optika – Kontaktne leće – 4. dio: Fizičkokemijska svojstva materijala kontaktnih leća (ISO 18369-4:2006; EN ISO 18369-4:2006)
Ophthalmic optics – Contact lenses – Part 4: Physicochemical properties of contact lens materials (ISO 18369-4:2006; EN ISO 18369-4:2006)
- zamijenjena s: HRN EN ISO 18369-4:2017

HZN/TO 181, Sigurnost igraćaka i proizvodi za djecu

HRN EN 71-7:2014 en

Sigurnost igraćaka – 7. dio: Bojila za bojenje prstima – Zahtjevi i metode ispitivanja (EN 71-7:2014)
Safety of toys – Part 7: Finger paints – Requirements and test methods (EN 71-7:2014)
- zamijenjena s: HRN EN 71-7:2017

HZN/TO 215, Medicinska informatika

HRN EN ISO 12052:2012 en

Medicinska informatika – Digitalne slike i komunikacija u medicini (DICOM), uključujući hodograme i upravljanje podacima (ISO 12052:2006; EN ISO 12052:2011)
Health informatics – Digital imaging and communication in medicine (DICOM) including workflow and data management (ISO 12052:2006; EN ISO 12052:2011)
- zamijenjena s: HRN EN ISO 12052:2017

HZN/TO 218, Drvo

HRN EN 13489:2008 en

Drvene podne obloge – Višeslojni parketni elementi (EN 13489:2002)
Wood flooring – Multi-layer parquet elements (EN 13489:2002)
- zamijenjena s: HRN EN 13489:2017

HZN/TO 503, Metalni materijali

HRN EN 1982:2008 en

Bakar i legure bakra – Ingoti i odljevci (EN 1982:2008)
Copper and copper alloys – Ingots and castings (EN 1982:2008)
- zamijenjena s: HRN EN 1982:2017

HRN EN ISO 6149-4:2015 en

Priključci za hidraulične tekućine za prijenos snage i opću namjenu – Otvori i čepovi s ISO 261 metričkim navojima i brtvljenjem pomoću O-prstena – 4. dio: Dimenzije, konstrukcija, metode ispitivanja i zahtjevi za vanjske i unutrašnje šesterokutne čepove (ISO 6149-4:2006; EN ISO 6149-4:2014)
Connections for fluid power and general use – Ports and stud ends with ISO 261 metric threads and O-ring sealing – Part 4: Dimensions, design, test methods and requirements for external hex and internal hex port plugs (ISO 6149-4:2006; EN ISO 6149-4:2014)
- zamijenjena s: HRN EN ISO 6149-4:2017

HZN/TO 504, Korozija i zaštita metala i legura

HRN EN 15280:2013 en

Ocjenjivanje vjerojatnosti korozije ukopanih cjevovoda izazvane djelovanjem izmjenične struje primjenjivo za katodno štitičene cjevovode (EN 15280:2013)
Evaluation of a.c. corrosion likelihood of buried pipelines applicable to cathodically protected pipelines (EN 15280:2013)
- zamijenjena s: HRN EN ISO 18086:2017

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

HRN EN ISO 14692-1:2008 en

Industrija nafte i prirodnog plina – Staklom ojačane plastične cijevi (GRP) – 1. dio: Rječnik, simboli, primjene i materijali (ISO 14692-1:2002; EN ISO 14692-1:2002)
Petroleum and natural gas industries – Glass-reinforced plastics (GRP) piping – Part 1: Vocabulary, symbols, applications and materials (ISO 14692-1:2002; EN ISO 14692-1:2002)
- zamijenjena s: HRN EN ISO 14692-1:2017

HRN EN ISO 14692-2:2008 en

Industrija nafte i prirodnog plina – Staklom ojačane plastične cijevi (GRP) – 2. dio: Određivanje kvalitete i proizvodnja (ISO 14692-2:2002+Cor 1:2005; EN ISO 14692-2:2002+AC:2006)
Petroleum and natural gas industries – Glass-reinforced plastics (GRP) piping – Part 2: Qualification and manufacture (ISO 14692-2:2002+Cor 1:2005; EN ISO 14692-2:2002+AC:2006)
- zamijenjena s: HRN EN ISO 14692-2:2017

HRN EN ISO 14692-3:2008 en

Industrija nafte i prirodnog plina – Staklom ojačane plastične cijevi (GRP) – 3. dio: Projektiranje (ISO 14692-3:2002+Cor 1:2005; EN ISO 14692-3:2002+AC:2006)
Petroleum and natural gas industries – Glass reinforced plastics (GRP) piping – Part 3: System design (ISO 14692-3:2002+Cor 1:2005; EN ISO 14692-3:2002+AC:2006)
- zamijenjena s: HRN EN ISO 14692-3:2017

HRN EN ISO 14692-4:2008 en

Industrija nafte i prirodnog plina – Staklom ojačane plastične cijevi (GRP) – 4. dio: Proizvodnja, ugradnja i uporaba (ISO 14692-4:2002+Cor 1:2006; EN ISO 14692-4:2002+AC:2007)
Petroleum and natural gas industries – Glass-reinforced plastics (GRP) piping – Part 4: Fabrication, installation and operation (ISO 14692-4:2002+Cor 1:2006; EN ISO 14692-4:2002+AC:2007)
- zamijenjena s: HRN EN ISO 14692-4:2017

HRN ISO 15589-1:2015 en
Industrija nafte i prirodnoga plina – Katodna zaštita cjevovodnih transportnih sustava – 1. dio: Cjevovodi na kopnu (ISO 15589-1:2015)
Petroleum, petrochemical and natural gas industries – Cathodic protection of pipeline systems – Part 1: On-land pipelines (ISO 15589-1:2015)
- zamijenjena s: HRN EN ISO 15589-1:2017

HRN EN ISO 24817:2015 en
Industrija nafte, petrokemije i prirodnoga plina – Popravci cjevovoda kompozitnim materijalima – Ocjena i proračun, izvedba, ispitivanje i inspekcija (ISO 24817:2015; EN ISO 24817:2015)
Petroleum, petrochemical and natural gas industries – Composite repairs for pipework – Qualification and design, installation, testing and inspection (ISO 24817:2015; EN ISO 24817:2015)
- zamijenjena s: HRN EN ISO 24817:2017

HZN/TO 526, Bitumenska veziva

HRN EN 13303:2009 en
Bitumen i bitumenska veziva – Određivanje gubitka mase industrijskog bitumena nakon grijanja (EN 13303:2009)
Bitumen and bituminous binders – Determination of the loss in mass after heating of industrial bitumen (EN 13303:2009)
- zamijenjena s: HRN EN 13303:2017

HZN/TO 528, Oprema za željeznice

HRN EN 12080:2011 en
Željeznički sustav – Osovinska ležišta – Kotrljajući ležajevi (EN 12080:2007+A1:2010)
Railway applications – Axleboxes – Rolling bearings (EN 12080:2007+A1:2010)
- zamijenjena s: HRN EN 12080:2017

HRN EN 12081:2011 en
Željeznički sustav – Osovinska ležišta – Sredstva za podmazivanje (EN 12081:2007+A1:2010)
Railway applications – Axleboxes – Lubricating greases (EN 12081:2007+A1:2010)
- zamijenjena s: HRN EN 12081:2017

HRN EN 12082:2011 en
Željeznički sustav – Osovinska ležišta – Ispitivanje radnih značajki (EN 12082:2007+A1:2010)
Railway applications – Axleboxes – Performance testing (EN 12082:2007+A1:2010)
- zamijenjena s: HRN EN 12082:2017

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

HRN ISO 8566-5:2003 en
Granici – Kabine – 5. dio: Mosni i portalni granici (ISO 8566-5:1992)
Cranes – Cabins – Part 5: Overhead travelling and portal bridge cranes (ISO 8566-5:1992)
- zamijenjena s: HRN ISO 8566-5:2017

HRN ISO 8686-5:2001 en
Granici – Proračunska opterećenja i njihove kombinacije – 5. dio: Mosni i portalni granici (ISO 8686-5:1992)
Cranes – Design principles for loads and load combinations – Part 5: Overhead travelling and portal bridge cranes (ISO 8686-5:1992)
- zamijenjena s: HRN ISO 8686-5:2017

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

HRN EN 12604:2008 en
Industrijska, komercijalna, garažna i ostala ulazna vrata – Mehanička gledišta – Zahtjevi (EN 12604:2000)
Industrial, commercial and garage doors and gates – Mechanical aspects – Requirements (EN 12604:2000)
- zamijenjena s: HRN EN 12604:2017

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

HRN EN ISO 25178-71:2014 en
Geometrijske specifikacije proizvoda (GSP) – Tekstura površine: Ploštinska – 71. dio: Mjerne norme za programsku opremu (ISO 25178-71:2012; EN ISO 25178-71:2012)
Geometrical product specifications (GPS) – Surface texture: Areal – Part 71: Software measurement standards (ISO 25178-71:2012; EN ISO 25178-71:2012)
- zamijenjena s: HRN EN ISO 25178-71:2017

HZN/TO 543, Poštanske usluge

HRN EN 14615:2007 en
Poštanske usluge – Digitalne oznake za poštarinu – Primjena, sigurnost i oblikovanje (EN 14615:2005)
Postal services – Digital postage marks – Applications, security and design (EN 14615:2005)
- zamijenjena s: HRN EN 14615:2017

HZN/TO 555, Medicinski proizvodi

HRN EN 14820:2008 en
Jednokratni spremnici za skupljanje ljudske venozne krvi (EN 14820:2004)
Single-use containers for human venous blood specimen collection (EN 14820:2004)
- zamijenjena s: HRN EN ISO 6710:2017

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 1833-4:2010 en
Tekstil – Kvantitativna kemijska analiza – 4. dio: Mješavine određenih proteinskih i određenih drugih vlakana (metoda s uporabom hipoklorita) (ISO 1833-4:2006; EN ISO 1833-4:2010)
Textiles – Quantitative chemical analysis – Part 4: Mixtures of certain protein and certain other fibres (method using hypochlorite) (ISO 1833-4:2006; EN ISO 1833-4:2010)
- zamijenjena s: HRN EN ISO 1833-4:2017

HRN EN ISO 1833-7:2010 en
Tekstil – Kvantitativna kemijska analiza – 7. dio: Mješavine poliamidnih i određenih ostalih vlakana (metoda s uporabom mravlje kiseline) (ISO 1833-7:2006; EN ISO 1833-7:2010)
Textiles – Quantitative chemical analysis – Part 7: Mixtures of polyamide and certain other fibres (method using formic acid) (ISO 1833-7:2006; EN ISO 1833-7:2010)
- zamijenjena s: HRN EN ISO 1833-7:2017

HRN EN ISO 1833-11:2010 en
Tekstil – Kvantitativna kemijska analiza – 11. dio: Mješavine celuloznih i poliesterskih vlakana (metoda s uporabom sulfatne kiseline) (ISO 1833-11:2006; EN ISO 1833-11:2010)
Textiles – Quantitative chemical analysis – Part 11: Mixtures of cellulose and polyester fibres (method using sulfuric acid) (ISO 1833-11:2006; EN ISO 1833-11:2010)
- zamijenjena s: HRN EN ISO 1833-11:2017

HRN EN 13402-3:2013 en
Označivanje veličina odjeće – 3. dio: Mjere i intervali (EN 13402-3:2013)
Size designation of clothes – Part 3: Body measurements and intervals (EN 13402-3:2013)
- zamijenjena s: HRN EN 13402-3:2017

HRN ISO/TR 14510:2003 en
Tekstil – Postupci industrijskog pranja tekstila za iznajmljivanje i industrijsko pranje (ISO/TR 14510:1997)
Textiles – Industrial laundering procedures for textile rental and industrial laundering (ISO/TR 14510:1997)
- bez zamjene

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

HRN EN 303-1:2003 en
Toplovodni kotlovi – 1. dio: Toplovodni kotlovi s predtlačnim plamenikom – Nazivlje, opći zahtjevi, ispitivanja i označivanja (EN 303-1:1999)
Heating boilers – Part 1: Heating boilers with forced draught burners – Terminology, general requirements, testing and marking (EN 303-1:1999)
- zamijenjena s: HRN EN 303-1:2017

HRN EN 303-1:2003/A1:2008 en
Toplovodni kotlovi – 1. dio: Toplovodni kotlovi s predtlačnim plamenicima – Nazivlje, opći zahtjevi, ispitivanje i označivanje (EN 303-1:1999/A1:2003)
Heating boilers – Part 1: Heating boilers with forced draught burners – Terminology, general requirements, testing and marking (EN 303-1:1999/A1:2003)
- zamijenjena s: HRN EN 303-1:2017

HRN EN ISO 15996:2006 en
Plinske boce – Odzračni ventili – Opći zahtjevi i ispitivanje tipa (ISO 15996:2005; EN ISO 15996:2005)
Gas cylinders – Residual pressure valves – General requirements and type testing (ISO 15996:2005; EN ISO 15996:2005)
- zamijenjena s: HRN EN ISO 15996:2017

HRN EN ISO 15996:2006/A1:2008 en
Plinske boce – Odzračni ventili – Opći zahtjevi i tipno ispitivanje – Amandman 1 (ISO 15996:2005/Amd 1:2007; EN ISO 15996:2005/A1:2007)
Gas cylinders – Residual pressure valves – General requirements and type testing – Amendment 1 (ISO 15996:2005/Amd 1:2007; EN ISO 15996:2005/A1:2007)
- zamijenjena s: HRN EN ISO 15996:2017

HZN/TO 569, Hrana za životinje

HRN EN ISO 12099:2011 en
Hrana za životinje, žitarice i proizvodi od mljevenih žitarica – Upute za primjenu bliske infracrvene spektrometrije (ISO 12099:2010; EN ISO 12099:2010)
Animal feeding stuffs, cereals and milled cereal products – Guidelines for the application of near infrared spectrometry (ISO 12099:2010; EN ISO 12099:2010)
- zamijenjena s: HRN EN ISO 12099:2017

HZN/TO Z1, Informacijska tehnologija

HRN EN 419212-1:2014 en
Aplikacijsko sučelje za pametne kartice koje se upotrebljavaju kao uređaji za kreiranje sigurnog potpisa – 1. dio: Osnovne usluge (EN 419212-1:2014)
Application Interface for smart cards used as Secure Signature Creation Devices – Part 1: Basic services (EN 419212-1:2014)
- zamijenjena s: HRN EN 419212-1:2017, HRN EN 419212-3:2017

HRN EN 419212-2:2014 en
Aplikacijsko sučelje za pametne kartice koje se upotrebljavaju kao uređaji za kreiranje sigurnog potpisa – 2. dio: Dodatne usluge (EN 419212-2:2014)
Application Interface for smart cards used as Secure Signature Creation Devices – Part 2: Additional services (EN 419212-2:2014)
- zamijenjena s: HRN EN 419212-1:2017, HRN EN 419212-3:2017

HZN/TU B1, Graditeljstvo 1

HRS CEN/TS 16516:2013 en
Građevni proizvodi – Procjena otpuštanja opasnih tvari – Određivanje emisija u zrak u zatvorenom prostoru (CEN/TS 16516:2013)
Construction products – Assessment of release of dangerous substances – Determination of emissions into indoor air (CEN/TS 16516:2013)
- zamijenjena s: HRN EN 16516:2017

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

HRN EN 302-2:2013 en
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 2. dio: Određivanje otpornosti na raslojavanje (EN 302-2:2013)
Adhesives for load-bearing timber structures – Test methods – Part 2: Determination of resistance to delamination (EN 302-2:2013)
- zamijenjena s: HRN EN 302-2:2017

HRN EN 302-3:2013 en
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 3. dio: Određivanje utjecaja oštećenja drvenih vlakana kiselinom na poprečnu posmičnu čvrstoću pri cikličnim promjenama temperature i vlažnosti (EN 302-3:2013)
Adhesives for load-bearing timber structures – Test methods – Part 3: Determination of the effect of acid damage to wood fibres by temperature and humidity cycling on the transverse tensile strength (EN 302-3:2013)
- zamijenjena s: HRN EN 302-3:2017

HRN EN ISO 542:2004 en
Uljarice – Uzorkovanje (ISO 542:1990; EN ISO 542:1995)
Oilseeds – Sampling (ISO 542:1990; EN ISO 542:1995)
- zamijenjena s: HRN EN ISO 21294:2017

HRN EN ISO 11997-1:2007 en
Boje i lakovi – Određivanje otpornosti na cikličke uvjete korozije – 1. dio: Mokro (slana magla)/suho/vlažno (ISO 11997-1:2005; EN ISO 11997-1:2006)
Paints and varnishes – Determination of resistance to cyclic corrosion conditions – Part 1: Wet (salt fog)/dry/humidity (ISO 11997-1:2005; EN ISO 11997-1:2006)
- zamijenjena s: HRN EN ISO 11997-1:2017

HRN EN ISO 15110:2013 en
Boje i lakovi – Umjetno starenje uključujući kiselinsko taloženje (ISO 15110:2013; EN ISO 15110:2013)
Paints and varnishes – Artificial weathering including acidic deposition (ISO 15110:2013; EN ISO 15110:2013)
- zamijenjena s: HRN EN ISO 15110:2017

HZN/TU M1, Metalni materijali 1

HRN EN ISO 3927:2011 en
Metalni prahovi, osim prahova za tvrde metale – Određivanje stlačljivosti pri jednoosnoj kompresiji (ISO 3927:2011; EN ISO 3927:2011)
Metallic powders, excluding powders for hardmetals – Determination of compressibility in uniaxial compression (ISO 3927:2011; EN ISO 3927:2011)
- zamijenjena s: HRN EN ISO 3927:2017

HZN/TU N1, Nemetalni materijali 1

HRN EN ISO 18753:2008 en
Fina keramika (napredna keramika, tehnička keramika) – Određivanje apsolutne gustoće keramičkoga praha pomoću piknometra (ISO 18753:2004; EN ISO 18753:2005)
Fine ceramics (advanced ceramics, advanced technical ceramics) – Determination of absolute density of ceramic powders by pyknometer (ISO 18753:2004; EN ISO 18753:2005)
- zamijenjena s: HRN EN ISO 18753:2017

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

HRN EN ISO 9917-2:2011 en
Stomatologija – Cementi na bazi vode – 2. dio: Cementi modificirani smolom (ISO 9917-2:2010; EN ISO 9917-2:2010)
Dentistry – Water-based cements – Part 2: Resin-modified cements (ISO 9917-2:2010; EN ISO 9917-2:2010)
- zamijenjena s: HRN EN ISO 9917-2:2017

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

HRN EN 1459:2012 en
Sigurnost industrijskih kamiona – Kamioni s vlastitim pogonom različitog dometa (EN 1459:1998+A3:2012)
Safety of industrial trucks – Self-propelled variable reach trucks (EN 1459:1998+A3:2012)
- zamijenjena s: HRN EN 1459-1:2017, HRN EN ISO 3691-2:2016

HRN EN 14776:2008 en
Svemirsko inženjerstvo – Zemaljski sustavi i operacije – Upotreba telemetrijskog i telekomandnoga svemirskog paketa (EN 14776:2004)
Space engineering – Ground systems and operations – Telemetry and telecommand packet utilization (EN 14776:2004)
- zamijenjena s: HRN EN 16603-70-41:2017

HRN EN 15194:2012 en
Bicikli – Bicikli s pomoćnom električnom snagom – EPAC Bicikli (EN 15194:2009+A1:2011)
Cycles – Electrically power assisted cycles – EPAC Bicycles (EN 15194:2009+A1:2011)
- zamijenjena s: HRN EN 15194:2017

HZN/TU V1, Elektronika 1

HRN EN 50090-8:2008 en
Home and Building Electronic Systems (HBES) – Part 8: Conformity assessment of products (EN 50090-8:2000)
- bez zamjene

HRN EN 50090-9-1:2008 en
Home and Building Electronic Systems (HBES) – Part 9-1: Installation requirements – Generic cabling for HBES Class 1 Twisted Pair (EN 50090-9-1:2004)
- bez zamjene

- HRN EN 50289-1-1:2008 en
Communication cables – Specifications for test methods – Part 1-1: Electrical test methods – General requirements (EN 50289-1-1:2001)
- zamijenjena s: HRN EN 50289-1-1:2017
- HRN EN 50289-1-8:2008 en
Communication cables – Specifications for test methods – Part 1-8: Electrical test methods – Attenuation (EN 50289-1-8:2001)
- zamijenjena s: HRN EN 50289-1-8:2017
- HRN EN 50289-1-9:2008 en
Communication cables – Specifications for test methods – Part 1-9: Electrical test methods – Unbalance attenuation (longitudinal conversion loss; longitudinal conversion transfer loss) (EN 50289-1-9:2001)
- zamijenjena s: HRN EN 50289-1-9:2017
- HRN EN 50377-9-1:2008 en
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 9-1: Type MT-RJ terminated on IEC 60793-2 category A1a and A1b multimode fibre (EN 50377-9-1:2003)
- bez zamjene
- HRN EN 50377-9-2:2008 en
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 9-2: Type MT-RJ terminated on IEC 60793-2 category B1.1 singlemode fibre (EN 50377-9-2:2004)
- bez zamjene
- HRN EN 50378-3-1:2008 en
Passive components to be used in optical fibre communication systems – Product specifications – Part 3-1: Type: 100/200 GHz DWDM module terminated on IEC 60793-2-50 category B1.1 and B1.3 single mode fibre (EN 50378-3-1:2007)
- bez zamjene
- HRN EN 50378-3-2:2008 en
Passive components to be used in optical fibre communication systems – Product specifications – Part 3-2: Type 4 / 8 channel CWDM module terminated on IEC 60793-2-50 category B1.1 and B1.3 single mode fibre (EN 50378-3-2:2007)
- bez zamjene
- HRN EN 60749-26:2008 en
Semiconductor devices – Mechanical and climatic test methods – Part 26: Electrostatic discharge (ESD) sensitivity testing – Human body model (HBM) (IEC 60749-26:2006; EN 60749-26:2006)
- zamijenjena s: HRN EN 60749-26:2014
- HRN EN 60793-1-51:2008 en
Optical fibres – Part 1-51: Measurement methods and test procedures – Dry heat (IEC 60793-1-51:2001; EN 60793-1-51:2002)
- zamijenjena s: HRN EN 60793-1-51:2014
- HRN EN 60793-1-52:2008 en
Optical fibres – Part 1-52: Measurement methods and test procedures – Change of temperature (IEC 60793-1-52:2001; EN 60793-1-52:2002)
- zamijenjena s: HRN EN 60793-1-52:2014
- HRN EN 60793-1-53:2008 en
Optical fibres – Part 1-53: Measurement methods and test procedures – Water immersion (IEC 60793-1-53:2001; EN 60793-1-53:2002)
- zamijenjena s: HRN EN 60793-1-53:2014
- HRN EN 60794-1-2:2008 en
Optical fibre cables – Part 1-2: Generic specification – Basic optical cable test procedures (IEC 60794-1-2:2003; EN 60794-1-2:2003)
- zamijenjena s: HRN EN 60794-1-2:2014,
HRN EN 60794-1-20:2014, HRN EN 60794-1-21:2015,
HRN EN 60794-1-22:2012, HRN EN 60794-1-23:2012,
HRN EN 60794-1-24:2014
- HRN EN 60876-1:2014 en
Fibre optic interconnecting devices and passive components – Fibre optic spatial switches – Part 1: Generic specification (IEC 60876-1:2012; EN 60876-1:2012)
- zamijenjena s: HRN EN 60876-1:2016
- HRN EN 60904-8:2008 en
Photovoltaic devices – Part 8: Measurement of spectral response of a photovoltaic (PV) device (IEC 60904-8:1998; EN 60904-8:1998)
- zamijenjena s: HRN EN 60904-8:2014
- HRN EN 61190-1-2:2009 en
Attachment materials for electronic assembly – Part 1-2: Requirements for soldering pastes for high-quality interconnects in electronics assembly (IEC 61190-1-2:2007; EN 61190-1-2:2007)
- zamijenjena s: HRN EN 61190-1-2:2014
- HRN EN 61280-4-2:2008 en
Fibre optic communication subsystem basic test procedures – Part 4-2: Fibre optic cable plant – Single-mode fibre optic cable plant attenuation (IEC 61280-4-2:1999; EN 61280-4-2:1999)
- zamijenjena s: HRN EN 61280-4-2:2016
- HRN EN 61300-1:2012 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 1: General and guidance (IEC 61300-1:2011; EN 61300-1:2011)
- zamijenjena s: HRN EN 61300-1:2016
- HRN EN 61300-2-37:2009 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-37: Tests – Cable bending for fibre optic closures (IEC 61300-2-37:2006; EN 61300-2-37:2007)
- zamijenjena s: HRN EN 61300-2-37:2016
- HRN EN 61300-3-25:2014 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-25: Examinations and measurements – Concentricity of the non-angled ferrules and non-angled ferrules with fibre installed (IEC 61300-3-25:2013; EN 61300-3-25:2013)
- zamijenjena s: HRN EN 61300-3-25:2016
- HRN EN 61978-1:2011 en
Fibre optic interconnecting devices and passive components – Fibre optic passive chromatic dispersion compensators – Part 1: Generic specification (IEC 61978-1:2009; EN 61978-1:2010)
- zamijenjena s: HRN EN 61978-1:2014
- HRN EN 62074-1:2010 en
Fibre optic interconnecting devices and passive components – Fibre optic WDM devices – Part 1: Generic specification (IEC 62074-1:2009; EN 62074-1:2009)
- zamijenjena s: HRN EN 62074-1:2014
- HRN EN 62116:2012 en
Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters (IEC 62116:2008, MOD; EN 62116:2011)
- zamijenjena s: HRN EN 62116:2014
- HRN EN 62148-15:2011 en
Fibre optic active components and devices – Package and interface standards – Part 15: Discrete vertical cavity surface emitting laser packages (IEC 62148-15:2009; EN 62148-15:2010)
- zamijenjena s: HRN EN 62148-15:2014
- HRN EN 62149-3:2008 en
Fibre optic active components and devices – Performance standards – Part 3: 2.5 Gbit/s modulator-integrated laser diode transmitters (IEC 62149-3:2004; EN 62149-3:2004)
- zamijenjena s: HRN EN 62149-3:2014
- HRN EN 62343-2:2012 en
Dynamic modules – Part 2: Reliability qualification (IEC 62343-2:2011; EN 62343-2:2011)
- zamijenjena s: HRN EN 62343-2:2015
- HRN EN 62572-3:2012 en
Fibre optic active components and devices – Reliability standards – Part 3: Laser modules used for telecommunication (IEC 62572-3:2011; EN 62572-3:2012)
- zamijenjena s: HRN EN 62572-3:2014
- HRN EN 123600:2008 en
Sectional Specification – Flex-rigid multilayer printed boards with through connections (EN 123600:1996)
- bez zamjene

- HRN EN 123700:2008 en
Sectional Specification – Flex-rigid double sided printed board with through connections (EN 123700:1996)
- bez zamjene
- HRN EN 123800:2008 en
Sectional Specification – Flexible multilayer printed boards with through connections (EN 123800:1996)
- bez zamjene
- HRN EN 180101:2008 en
Blank Detail Specification – Fixed fibre optic attenuators (EN 180101:1995)
- bez zamjene
- HRN EN 181000:2008 en
Generic Specification – Fibre optic branching devices (EN 181000:1994)
- bez zamjene
- HRN EN 181101:2008 en
Blank Detail Specification – Fibre optic branching devices – Type – Non wavelength selective transmissive star (EN 181101:1994)
- bez zamjene
- HRN EN 181103:2008 en
Blank Detail Specification – Fibre optic branching devices – Type – Non wavelength selective transmissive star for telecommunication application (EN 181103:1997)
- bez zamjene
- HRN EN 181104:2008 en
Blank Detail Specification – Fibre optic branching devices – Type – Wavelength selective transmissive star for telecommunication application (EN 181104:1997)
- bez zamjene
- HRN EN 186220:2008 en
Sectional Specification – Connector sets for optical fibres and cables – Type LSC (EN 186220:1993)
- bez zamjene
- HRN EN 186230:2008 en
Sectional Specification – Connector sets for optical fibres and cables – Type LSF (EN 186230:1993)
- bez zamjene
- HRN EN 187105:2008 en
Single mode optical cable (duct/direct buried installation) (EN 187105:2002)
- bez zamjene

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

01.040.11 Tehnologija zdravstvene zaštite (Rječnici)

Međunarodna normizacija
IEC

IEC 63080:2017
Accessibility terms and definitions

01.040.19 Ispitivanje (Rječnici)

Europska normizacija
CEN

EN 1330-9:2017
Non-destructive testing – Terminology – Part 9: Terms used in acoustic emission testing

01.040.29 Elektrotehnika (Rječnici)

Europska normizacija
CENELEC

EN 60700-2:2016/AC:2017
Thyristor valves for high voltage direct current (HVDC) power transmission – Part 2: Terminology (IEC 60700-2:2016/COR1:2017)

01.040.31 Elektronika (Rječnici)

Europska normizacija
CENELEC

EN 60700-2:2016/AC:2017
Thyristor valves for high voltage direct current (HVDC) power transmission – Part 2: Terminology (IEC 60700-2:2016/COR1:2017)

01.110 Tehnička dokumentacija o proizvodu

Međunarodna normizacija
IEC

IEC 62569-1:2017
Generic specification of information on products by properties – Part 1: Principles and methods

01.120 Normizacija. Opća pravila

Europska normizacija
CEN

CEN/CENELEC Guide 25:2017
The concept of Partnership with European Organisations and other stakeholders

03.060 Financije. Bankarstvo. Monetarni sustavi. Osiguranje

Međunarodna normizacija
ISO

ISO 20275:2017
Financial services – Entity legal forms (ELF)

ISO/TR 21941:2017
Financial services – Third-party payment service providers

03.080.10 Industrijske usluge

Međunarodna normizacija
ISO

ISO/TR 41013:2017
Facility management – Scope, key concepts and benefits

03.080.30 Usluge za potrošače

Međunarodna normizacija
ISO

ISO 13687-1:2017
Tourism and related services – Yacht harbours – Part 1: Minimum requirements for basic service level harbours

ISO 13687-2:2017
Tourism and related services – Yacht harbours – Part 2: Minimum requirements for intermediate service level harbours

ISO 13687-3:2017
Tourism and related services – Yacht harbours – Part 3: Minimum requirements for high service level harbours

ISO 18295-1:2017
Customer contact centres – Part 1: Requirements for customer contact centres

ISO 18295-2:2017
Customer contact centres – Part 2: Requirements for clients using the services of customer contact centres

03.200.99 Ostale norme koje se odnose na slobodno vrijeme i turizam

Međunarodna normizacija
ISO

ISO 13687-1:2017
Tourism and related services – Yacht harbours – Part 1: Minimum requirements for basic service level harbours

ISO 13687-2:2017
Tourism and related services – Yacht harbours – Part 2: Minimum requirements for intermediate service level harbours

ISO 13687-3:2017
Tourism and related services – Yacht harbours – Part 3: Minimum requirements for high service level harbours

03.220.20 Cestovni prijevoz

Međunarodna normizacija
ISO

ISO/TR 20545:2017
Intelligent transport systems – Vehicle/roadway warning and control systems – Report on standardisation for vehicle automated driving systems (RoVAS)/Beyond driver assistance systems

07.060 Geologija. Meteorologija. Hidrologija

Međunarodna normizacija
ISO

ISO 28902-2:2017
Air quality – Environmental meteorology – Part 2: Ground-based remote sensing of wind by heterodyne pulsed Doppler lidar

07.100.30 Mikrobiologija hrane

Međunarodna normizacija ISO

- ISO 13722:2017
Microbiology of the food chain – Enumeration of *Brochothrix* spp. – Colony-count technique
- ISO 21872-1:2017
Microbiology of the food chain – Horizontal method for the determination of *Vibrio* spp. – Part 1: Detection of potentially enteropathogenic *Vibrio parahaemolyticus*, *Vibrio cholerae* and *Vibrio vulnificus*

11.020.99 Ostale norme koje se odnose na zdravstvenu zaštitu općenito

Međunarodna normizacija ISO

- ISO 18662-1:2017
Traditional Chinese medicine – Vocabulary – Part 1: Chinese Materia Medica

11.040.01 Medicinska oprema općenito

Međunarodna normizacija ISO/IEC

- IEC/TR 60601-4-1:2017
Medical electrical equipment – Part 4-1: Guidance and interpretation – Medical electrical equipment and medical electrical systems employing a degree of autonomy

11.040.10 Anestezijska, respiracijska i reanimacijska oprema

Međunarodna normizacija ISO

- ISO 5359:2014/Amd 1:2017
Anaesthetic and respiratory equipment – Low-pressure hose assemblies for use with medical gases; Amendment 1
- ISO 9170-1:2017
Terminal units for medical gas pipeline systems – Part 1: Terminal units for use with compressed medical gases and vacuum
- ISO 18082:2014/Amd 1:2017
Anaesthetic and respiratory equipment – Dimensions of non-interchangeable screw-threaded (NIST) low-pressure connectors for medical gases; Amendment 1

11.040.20 Transfuzijska, infuzijska i injekcijska oprema

Međunarodna normizacija ISO

- ISO 6710:2017
Single-use containers for human venous blood specimen collection

11.040.30 Kirurški instrumenti i materijali

Međunarodna normizacija ISO

- ISO 10936-1:2017
Optics and photonics – Operation microscopes – Part 1: Requirements and test methods

11.040.40 Implantati za kirurgiju, protetiku i ortotiku

Međunarodna normizacija ISO

- ISO 13781:2017
Implants for surgery – Homopolymers, copolymers and blends on poly(lactide) – In vitro degradation testing
- ISO 19213:2017
Implants for surgery – Test methods of material for use as a cortical bone model
- ISO 21063:2017
Prosthetics and orthotics – Soft orthoses – Uses, functions, classification and description
- ISO 21064:2017
Prosthetics and orthotics – Foot orthotics – Uses, functions classification and description
- ISO 21065:2017
Prosthetics and orthotics – Terms relating to the treatment and rehabilitation of persons having a lower limb amputation

11.040.50 Radiografska oprema

Međunarodna normizacija IEC

- IEC 60601-2-63:2012/Amd1:2017
Amendment 1 – Medical electrical equipment – Part 2-63: Particular requirements for the basic safety and essential performance of dental extra-oral X-ray equipment
- IEC 60601-2-63:2012+A1:2017
Medical electrical equipment – Part 2-63: Particular requirements for the basic safety and essential performance of dental extra-oral X-ray equipment

11.040.70 Oftalmološka oprema

Međunarodna normizacija ISO

- ISO 8980-1:2017
Ophthalmic optics – Uncut finished spectacle lenses – Part 1: Specifications for single-vision and multifocal lenses
- ISO 8980-2:2017
Ophthalmic optics – Uncut finished spectacle lenses – Part 2: Specifications for power-variation lenses
- ISO 21987:2017
Ophthalmic optics – Mounted spectacle lenses

11.060.10 Stomatološki materijali

Međunarodna normizacija ISO

- ISO 22112:2017
Dentistry – Artificial teeth for dental prostheses

11.100.20 Biološko vrednovanje medicinskih proizvoda

Međunarodna normizacija ISO

- ISO/TR 10993-22:2017
Biological evaluation of medical devices – Part 22: Guidance on nanomaterials

11.180.01 Pomagala za osebe s invaliditetom općenito

Međunarodna normizacija
IEC

IEC 63080:2017
Accessibility terms and definitions

11.180.15 Pomagala za gluhe i osebe oštećenog sluha

Europska normizacija
ETSI

EN 303348 V 1.1.2:2017
Induction loop systems intended to assist the hearing impaired in the frequency range 10 Hz to 9 kHz – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

11.200 Kontrola rađanja. Mehanička kontracepcijska sredstva

Međunarodna normizacija
ISO

ISO 29943-1:2017
Condoms – Guidance on clinical studies – Part 1: Male condoms, clinical function studies based on self-reports

ISO 29943-2:2017
Condoms – Guidance on clinical studies – Part 2: Female condoms, clinical function studies based on self-reports

13.040.35 Čiste sobe i srodni nadzirani okoliš

Međunarodna normizacija
ISO

ISO 14644-13:2017
Cleanrooms and associated controlled environments – Part 13: Cleaning of surfaces to achieve defined levels of cleanliness in terms of particle and chemical classifications

13.060.45 Ispitivanje vode općenito (uključujući uzorkovanje)

Međunarodna normizacija
ISO

ISO 5667-12:2017
Water quality – Sampling – Part 12: Guidance on sampling of bottom sediments from rivers, lakes and estuarine areas

13.080.30 Biološka svojstva tla

Međunarodna normizacija
ISO

ISO 14239:2017
Soil quality – Laboratory incubation systems for measuring the mineralization of organic chemicals in soil under aerobic conditions

13.110 Sigurnost strojeva

Međunarodna normizacija
ISO

ISO 19085-1:2017
Woodworking machines – Safety – Part 1: Common requirements

ISO 19085-2:2017
Woodworking machines – Safety – Part 2: Horizontal beam panel circular sawing machines

ISO 19085-5:2017
Woodworking machines – Safety – Part 5: Dimension saws

13.140 Utjecaj buke na ljude

Europska normizacija
CENELEC

EN 61252:1995/A2:2017
Electroacoustics – Specifications for personal sound exposure meters (IEC 61252:1993/A2:2017)

Međunarodna normizacija
ISO

ISO 1996-2:2017
Acoustics – Description, measurement and assessment of environmental noise – Part 2: Determination of sound pressure levels

13.160 Utjecaj vibracija i udara na ljude

Međunarodna normizacija
ISO

ISO 28927-2:2009/Amd 1:2017
Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 2: Wrenches, nutrunners and screwdrivers – Amendment 1: Changes in Annex C – Brake devices

ISO 28927-4:2010/Amd 1:2017
Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 4: Straight grinders – Amendment 1: Cupped wire brushes

13.220.01 Zaštita od požara općenito

Međunarodna normizacija
ISO

ISO/TR 24679-2:2017
Fire safety engineering – Performance of structure in fire – Part 2: Example of an airport terminal

ISO 26367-2:2017
Guidelines for assessing the adverse environmental impact of fire effluents – Part 2: Methodology for compiling data on environmentally significant emissions from fires

13.220.10 Vatrogastvo

Međunarodna normizacija
ISO

ISO 7165:2017
Fire fighting – Portable fire extinguishers – Performance and construction

ISO 11601:2017
Fire fighting – Wheeled fire extinguishers – Performance and construction

13.220.20 Zaštita od požara

Međunarodna normizacija
ISO

ISO 19891-1:2017
Ships and marine technology – Specifications for gas detectors intended for use on board ships – Part 1: Portable gas detectors for atmosphere testing of enclosed spaces

13.220.40 Zapaljivost i ponašanje materijala i proizvoda pri izgaranju

Međunarodna normizacija
IEC

IEC/TR 63054:2017
Low-voltage switchgear and controlgear – Fire risk analysis and risk reduction measures

13.280 Zaštita od zračenja

Europska normizacija
CENELEC

EN 60825-1:2014/AC:2017
Safety of laser products – Part 1: Equipment classification and requirements (IEC 60825-1:2014)

13.320 Alarmni sustavi i sustavi uzbunjivanja

Međunarodna normizacija
IEC

IEC 62820-1-2:2017
Building intercom systems – Part 1-2: System requirements – Building intercom systems using the internet protocol (IP)

13.340.10 Zaštitna odjeća

Međunarodna normizacija
ISO

ISO 13506-1:2017
Protective clothing against heat and flame – Part 1: Test method for complete garments – Measurement of transferred energy using an instrumented manikin

ISO 13506-2:2017
Protective clothing against heat and flame – Part 2: Skin burn injury prediction – Calculation requirements and test cases

13.340.50 Zaštita nogu i stopala

Međunarodna normizacija
ISO

ISO 20349-1:2017
Personal protective equipment – Footwear protecting against risks in foundries and welding – Part 1: Requirements and test methods for protection against risks in foundries

17.140.01 Akustička mjerenja i smanjenje buke općenito

Međunarodna normizacija
ISO

ISO 1996-2:2017
Acoustics – Description, measurement and assessment of environmental noise – Part 2: Determination of sound pressure levels

17.140.50 Elektroakustika

Europska normizacija
CENELEC

EN 61252:1995/A2:2017
Electroacoustics – Specifications for personal sound exposure meters (IEC 61252:1993/A2:2017)

EN 61260-2:2016/A1:2017
Electroacoustics – Octave-band and fractional-octave-band filters – Part 2: Pattern-evaluation tests (IEC 61260-2:2016/A1:2017)

EN 61672-2:2013/A1:2017
Electroacoustics – Sound level meters – Part 2: Pattern evaluation tests (IEC 61672-2:2013/A1:2017)

Međunarodna normizacija
IEC

IEC 61391-1:2006/Amd1:2017
Amendment 1 – Ultrasonics – Pulse-echo scanners – Part 1: Techniques for calibrating spatial measurement systems and measurement of point-spread function response

IEC 61391-1:2006+Amd1:2017
Ultrasonics – Pulse-echo scanners – Part 1: Techniques for calibrating spatial measurement systems and measurement of point-spread function response

17.160 Vibracije, udari i mjerenja vibracija

Međunarodna normizacija
ISO

ISO 8528-9:2017
Reciprocating internal combustion engine driven alternating current generating sets – Part 9: Measurement and evaluation of mechanical vibrations

ISO 20816-2:2017
Mechanical vibration – Measurement and evaluation of machine vibration – Part 2: Land-based gas turbines, steam turbines and generators in excess of 40 MW, with fluid-film bearings and rated speeds of 1500 r/min, 1800 r/min, 3000 r/min and 3600 r/min

17.220.01 Elektricitet. Magnetizam. Opći aspekti

Međunarodna normizacija
IEC

IEC 61788-22-1:2017
Superconductivity – Part 22-1: Superconducting electronic devices – Generic specification for sensors and detectors

17.220.20 Mjerenje električnih i magnetskih veličina

Europska normizacija
CENELEC

EN 62974-1:2017
Monitoring and measuring systems used for data collection, gathering and analysis – Part 1: Device requirements (IEC 62974-1:2017)

Međunarodna normizacija
IEC

IEC 62927:2017
Voltage sourced converter (VSC) valves for static synchronous compensator (STATCOM) – Electrical testing

19.040 Ispitivanje utjecaja okoliša

Međunarodna normizacija
IEC

IEC 60068-2-58:2015/AMD1:2017
Amendment 1 – Environmental testing – Part 2-58: Tests – Test Td: Test methods for solderability, resistance to dissolution of metallization and to soldering heat of surface mounting devices (SMD)

IEC 60068-2-58:2015+A1:2017
Environmental testing – Part 2-58: Tests – Test Td: Test methods for solderability, resistance to dissolution of metallization and to soldering heat of surface mounting devices (SMD)

19.100 Nerazorna ispitivanja

Europska normizacija
CEN

EN 1330-9:2017
Non-destructive testing – Terminology – Part 9: Terms used in acoustic emission testing

Međunarodna normizacija
ISO

ISO 18563-2:2017
Non-destructive testing – Characterization and verification of ultrasonic phased array equipment – Part 2: Probes

21.100.20 Valjni ležajevi

Međunarodna normizacija ISO

ISO 15:2017
Rolling bearings – Radial bearings – Boundary dimensions, general plan

21.200 Zupčanici

Međunarodna normizacija ISO

ISO/TR 10064-1:2017
Code of inspection practice – Part 1: Measurement of cylindrical gear tooth flanks

23.020.35 Plinske boce

Međunarodna normizacija ISO

ISO 10156:2017
Gas cylinders – Gases and gas mixtures – Determination of fire potential and oxidizing ability for the selection of cylinder valve outlets

ISO 14246:2014/Amd 1:2017
Gas cylinders – Cylinder valves – Manufacturing tests and examinations; Amendment 1

ISO 17879:2017
Gas cylinders – Self-closing cylinder valves – Specification and type testing

23.040.01 Cjevovodne sastavni dijelovi i cjevovodi općenito

Europska normizacija CEN

CEN/TR 13480-7:2017
Metallic industrial piping – Part 7: Guidance on the use of conformity assessment procedures

23.040.10 Cijevi od lijevanog željeza i čelika

Međunarodna normizacija ISO

ISO 8179-1:2017
Ductile iron pipes, fittings, accessories and their joints – External zinc-based coating – Part 1: Metallic zinc with finishing layer

ISO 8179-2:2017
Ductile iron pipes, fittings, accessories and their joints – External zinc-based coating – Part 2: Zinc-rich paint

23.040.20 Plastične cijevi

Međunarodna normizacija ISO

ISO 12176-1:2017
Plastics pipes and fittings – Equipment for fusion jointing polyethylene systems – Part 1: Butt fusion

ISO 13761:2017
Plastics pipes and fittings – Pressure reduction factors for polyethylene pipeline systems for use at temperatures above 20 degrees C

23.040.45 Plastične spojnice

Međunarodna normizacija ISO

ISO 12176-1:2017
Plastics pipes and fittings – Equipment for fusion jointing polyethylene systems – Part 1: Butt fusion

ISO 13761:2017
Plastics pipes and fittings – Pressure reduction factors for polyethylene pipeline systems for use at temperatures above 20 degrees C

23.100.40 Cijevovodi i spojnice

Međunarodna normizacija ISO

ISO 1436:2017
Rubber hoses and hose assemblies – Wire-braid-reinforced hydraulic types for oil-based or water-based fluids – Specification

ISO 3862:2017
Rubber hoses and hose assemblies – Rubber-covered spiral-wire-reinforced hydraulic types for oil-based or water-based fluids – Specification

23.100.60 Filtri, brtve i onečišćenje fluida

Međunarodna normizacija ISO

ISO 3968:2017
Hydraulic fluid power – Filters – Evaluation of differential pressure versus flow

23.120 Ventilatori. Klimatizacijski uređaji

Međunarodna normizacija ISO

ISO 5151:2017
Non-ducted air conditioners and heat pumps – Testing and rating for performance

ISO 13253:2017
Ducted air-conditioners and air-to-air heat pumps – Testing and rating for performance

ISO 15042:2017
Multiple split-system air conditioners and air-to-air heat pumps – Testing and rating for performance

25.030 Proizvodnja aditiva

Međunarodna normizacija ISO

ISO/ASTM 52901:2017
Additive manufacturing – General principles – Requirements for purchased AM parts

25.040.40 Mjerenje i upravljanje u industrijskim procesima

Međunarodna normizacija ISO

ISO 15531-44:2017
Industrial automation systems and integration – Industrial manufacturing management data – Part 44: Information modelling for shop floor data acquisition

IEC

IEC 62948:2017
Industrial networks – Wireless communication network and communication profiles – WIA-FA

25.100.20 Alati za glodanje

Međunarodna normizacija ISO

ISO 10911:2017
Solid hardmetal end mills with cylindrical shank
– Dimensions

25.140.10 Pneumatski alati

Međunarodna normizacija ISO

ISO 28927-2:2009/Amd 1:2017
Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 2: Wrenches, nutrunners and screwdrivers – Amendment 1: Changes in Annex C – Brake devices

ISO 28927-4:2010/Amd 1:2017
Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 4: Straight grinders – Amendment 1: Cupped wire brushes

25.160.50 Tvrdo i meko lemljenje

Europska normizacija CEN

EN 3875:2017
Aerospace series – Metallic materials, Filler metal for brazing
– Technical specification

25.220.20 Površinska obrada

Međunarodna normizacija ISO

ISO 2360:2017
Non-conductive coatings on non-magnetic electrically conductive base metals – Measurement of coating thickness – Amplitude-sensitive eddy-current method

ISO/TR 14232-2:2017
Thermal spraying – Powders – Part 2: Comparison of coating performance and spray powder chemistry

25.220.50 Emajli

Međunarodna normizacija ISO

ISO 20274:2017
Vitreous and porcelain enamels – Preparation of samples and determination of thermal expansion coefficient

25.220.60 Organske prevlake

Europska normizacija CEN

EN 13523-8:2017
Coil coated metals – Test methods – Part 8: Resistance to salt spray (fog)

EN 13523-21:2017
Coil coated metals – Test methods – Part 21: Evaluation of outdoor exposed panels

EN 13523-24:2017
Coil coated metals – Test methods – Part 24: Resistance to blocking and pressure marking

27.010 Tehnika prijenosa energije i topline općenito

Europska normizacija CENELEC

EN 62325-451-4:2017
Framework for energy market communications – Part 451-4: Settlement and reconciliation business process, contextual and assembly models for European market (IEC 62325-451-4:2017)

27.015 Energijska učinkovitost. Očuvanje energije općenito

Međunarodna normizacija ISO

ISO 50007:2017
Energy services – Guidelines for the assessment and improvement of the energy service to users

27.020 Motori s unutrašnjim izgaranjem

Međunarodna normizacija ISO

ISO 8528-7:2017
Reciprocating internal combustion engine driven alternating current generating sets – Part 7: Technical declarations for specification and design

ISO 8528-9:2017
Reciprocating internal combustion engine driven alternating current generating sets – Part 9: Measurement and evaluation of mechanical vibrations

27.040 Plinske i parne turbine. Parni strojevi

Međunarodna normizacija ISO

ISO 20816-2:2017
Mechanical vibration – Measurement and evaluation of machine vibration – Part 2: Land-based gas turbines, steam turbines and generators in excess of 40 MW, with fluid-film bearings and rated speeds of 1500 r/min, 1800 r/min, 3000 r/min and 3600 r/min

27.070 Gorivi članci

Europska normizacija CENELEC

EN 62282-4-102:2017
Fuel cell technologies – Part 4-102: Fuel cell power systems for industrial electric trucks – Performance test methods (IEC 62282-4-102:2017)

27.080 Dizalice topline

Međunarodna normizacija ISO

ISO 5151:2017
Non-ducted air conditioners and heat pumps – Testing and rating for performance

ISO 13253:2017
Ducted air-conditioners and air-to-air heat pumps – Testing and rating for performance

ISO 14903:2017
Refrigerating systems and heat pumps – Qualification of tightness of components and joints

ISO 15042:2017
Multiple split-system air conditioners and air-to-air heat pumps – Testing and rating for performance

27.160 Solarna energetika

Europska normizacija CENELEC

EN 61215-2:2017/AC:2017
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 2: Test procedures (IEC 61215-2:2016)

Međunarodna normizacija IEC

IEC 62788-1-5:2016/Cor1:2017
Corrigendum 1 – Measurement procedures for materials used in photovoltaic modules – Part 1-5: Encapsulants – Measurement of change in linear dimensions of sheet encapsulation material resulting from applied thermal conditions

IEC 62817:2014/Amd1:2017
Amendment 1 – Photovoltaic systems – Design qualification of solar trackers

IEC 62817:2014+Amd1:2017
Photovoltaic systems – Design qualification of solar trackers

IEC 62920:2017
Photovoltaic power generating systems – EMC requirements and test methods for power conversion equipment

27.180 Sustavi vjetroagregata

Međunarodna normizacija IEC

IEC 61400-25-1:2017
Wind energy generation systems – Part 25-1: Communications for monitoring and control of wind power plants – Overall description of principles and models

27.190 Biološki izvori i alternativni izvori energije

Europska normizacija CEN

EN 16214-3:2012+A1:2017
Sustainability criteria for the production of biofuels and bioliquids for energy applications – Principles, criteria, indicators and verifiers – Part 3: Biodiversity and environmental aspects related to nature protection purposes

27.200 Rashladna tehnologija (tehnika)

Međunarodna normizacija ISO

ISO 14903:2017
Refrigerating systems and heat pumps – Qualification of tightness of components and joints

29.020 Elektrotehnika općenito

Međunarodna normizacija IEC

IEC 62321-4:2013/Amd1:2017
Amendment 1 – Determination of certain substances in electrotechnical products – Part 4: Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS

IEC 62321-4:2013+Amd1:2017
Determination of certain substances in electrotechnical products – Part 4: Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS

IEC 62561-4:2017
Lightning protection system components (LPSC) – Part 4: Requirements for conductor fasteners

IEC 62561-5:2017
Lightning protection system components (LPSC) – Part 5: Requirements for earth electrode inspection housings and earth electrode seals

29.035.01 Izolacijski materijali općenito

Međunarodna normizacija IEC

IEC 60811-201:2012/Amd1:2017
Amendment 1 – Electric and optical fibre cables – Test methods for non-metallic materials – Part 201: General tests – Measurement of insulation thickness

IEC 60811-201:2012+Amd1:2017
Electric and optical fibre cables – Test methods for non-metallic materials – Part 201: General tests – Measurement of insulation thickness

IEC 60811-202:2012/Amd1:2017
Amendment 1 – Electric and optical fibre cables – Test methods for non-metallic materials – Part 202: General tests – Measurement of thickness of non-metallic sheath

IEC 60811-202:2012+Amd1:2017
Electric and optical fibre cables – Test methods for non-metallic materials – Part 202: General tests – Measurement of thickness of non-metallic sheath

IEC 60811-401:2012/Amd1:2017
Amendment 1 – Electric and optical fibre cables – Test methods for non-metallic materials – Part 401: Miscellaneous tests – Thermal ageing methods – Ageing in an air oven

IEC 60811-401:2012+Amd1:2017
Electric and optical fibre cables – Test methods for non-metallic materials – Part 401: Miscellaneous tests – Thermal ageing methods – Ageing in an air oven

IEC 60811-508:2012/Amd1:2017
Amendment 1 – Electric and optical fibre cables – Test methods for non-metallic materials – Part 508: Mechanical tests – Pressure test at high temperature for insulation and sheaths

IEC 60811-508:2012+Amd1:2017
Electric and optical fibre cables – Test methods for non-metallic materials – Part 508: Mechanical tests – Pressure test at high temperature for insulation and sheaths

IEC 60811-509:2012/Amd1:2017
Amendment 1 – Electric and optical fibre cables – Test methods for non-metallic materials – Part 509: Mechanical tests – Test for resistance of insulations and sheaths to cracking (heat shock test)

IEC 60811-509:2012+Amd1:2017
Electric and optical fibre cables – Test methods for non-metallic materials – Part 509: Mechanical tests – Test for resistance of insulations and sheaths to cracking (heat shock test)

29.035.20 Plastični i gumeni izolacijski materijali

Međunarodna normizacija IEC

IEC 60811-410:2012/Amd1:2017
Amendment 1 – Electric and optical fibre cables – Test methods for non-metallic materials – Part 410: Miscellaneous tests – Test method for copper-catalyzed oxidative degradation of polyolefin insulated conductors

IEC 60811-410:2012+Amd1:2017
Electric and optical fibre cables – Test methods for non-metallic materials – Part 410: Miscellaneous tests – Test method for copper-catalyzed oxidative degradation of polyolefin insulated conductors

IEC 60811-511:2012/Amd1:2017
Amendment 1 – Electric and optical fibre cables – Test methods for non-metallic materials – Part 511: Mechanical tests – Measurement of the melt flow index of polyethylene and polypropylene compounds

IEC 60811-511:2012+Amd1:2017

Electric and optical fibre cables – Test methods for non-metallic materials – Part 511: Mechanical tests – Measurement of the melt flow index of polyethylene and polypropylene compounds

29.050 Supravodljivost i vodljivi materijali

Međunarodna normizacija IEC

IEC 61788-22-1:2017

Superconductivity – Part 22-1: Superconducting electronic devices – Generic specification for sensors and detectors

29.120.70 Sklopnici (releji)

Europska normizacija CENELEC

EN 61810-1:2015/AC:2017

Electromechanical elementary relays – Part 1: General and safety requirements (IEC 61810-1:2015/COR1:2017)

29.130.10 Visokonaponski rasklopni i upravljački uređaji

Međunarodna normizacija IEC

IEC 62271-1:2017

High-voltage switchgear and controlgear – Part 1: Common specifications for alternating current switchgear and controlgear

29.130.20 Niskonaponski rasklopni i upravljački uređaji

Međunarodna normizacija IEC

IEC 60715:2017

Dimensions of low-voltage switchgear and controlgear – Standardized mounting on rails for mechanical support of switchgear, controlgear and accessories

IEC 62683-1:2017

Low-voltage switchgear and controlgear – Product data and properties for information exchange – Part 1: Catalogue data

IEC/TR 63054:2017

Low-voltage switchgear and controlgear – Fire risk analysis and risk reduction measures

29.140.99 Ostale norme koje se odnose na svjetiljke

Europska normizacija CENELEC

EN 62612:2013/A1:2017

Self-ballasted LED lamps for general lighting services with supply voltages > 50 V – Performance requirements (IEC 62612:2013/A1:2015)

EN 62612:2013/A11:2017

Self-ballasted LED lamps for general lighting services with supply voltages > 50 V – Performance requirements

Međunarodna normizacija IEC

IEC 61347-2-11:2001/Amd1:2017

Amendment 1 – Lamp controlgear – Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires

IEC 61347-2-11:2001+Amd1:2017

Lamp controlgear – Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires

29.160.40 Električni agregati

Međunarodna normizacija ISO

ISO 8528-7:2017

Reciprocating internal combustion engine driven alternating current generating sets – Part 7: Technical declarations for specification and design

ISO 8528-9:2017

Reciprocating internal combustion engine driven alternating current generating sets – Part 9: Measurement and evaluation of mechanical vibrations

ISO 20816-2:2017

Mechanical vibration – Measurement and evaluation of machine vibration – Part 2: Land-based gas turbines, steam turbines and generators in excess of 40 MW, with fluid-film bearings and rated speeds of 1500 r/min, 1800 r/min, 3000 r/min and 3600 r/min

IEC

IEC 62040-1:2017

Uninterruptible power systems (UPS) – Part 1: Safety requirements

29.200 Ispravljači. Pretvarači. Stabilizirano napajanje

Europska normizacija CENELEC

EN 60700-2:2016/AC:2017

Thyristor valves for high voltage direct current (HVDC) power transmission – Part 2: Terminology (IEC 60700-2:2016/Cor1:2017)

EN 62680-3-1:2017

Universal Serial Bus interfaces for data and power – Part 3-1: Universal Serial Bus 3.1 Specification (IEC 62680-3-1:2017)

Međunarodna normizacija IEC

IEC 62927:2017

Voltage sourced converter (VSC) valves for static synchronous compensator (STATCOM) – Electrical testing

29.240.20 Vodovi za prijenos i razdiobu električne energije

Međunarodna normizacija IEC

IEC 62488-2:2017

Power line communication systems for power utility applications – Part 2: Analogue power line carrier terminals or APLC

29.240.99 Ostala oprema koja se upotrebljava u mrežama za prijenos i razdiobu električne energije

Europska normizacija CENELEC

EN 61954:2011/A2:2017

Static VAR compensators (SVC) – Testing of thyristor valves (IEC 61954:2011/A2:2017)

29.260.20 Električni uređaji za eksplozivnu atmosferu

Europska normizacija CENELEC

EN 60079-30-2:2017

Explosive atmospheres – Part 30-2: Electrical resistance trace heating – Application guide for design, installation and maintenance (IEC/IEEE 60079-30-2:2015, modified)

31.020 **Elektronički sastavni dijelovi općenito**

Međunarodna normizacija IEC

IEC 60286-1:2017
Packaging of components for automatic handling – Part 1: Tape packaging of components with axial leads on continuous tapes

IEC 61360-1:2017
Standard data element types with associated classification scheme – Part 1: Definitions – Principles and methods

IEC/TR 62396-6:2017
Process management for avionics – Atmospheric radiation effects – Part 6: Extreme space weather – Potential impact on the avionics environment and electronics

31.080.01 **Poluvodičke naprave općenito**

Europska normizacija CENELEC

EN 60749-5:2017
Semiconductor devices – Mechanical and climatic test methods – Part 5: Steady-state temperature humidity bias life test (IEC 60749-5:2017)

EN 60749-28:2017
Semiconductor devices – Mechanical and climatic test methods – Part 28: Electrostatic discharge (ESD) sensitivity testing – Charged device model (CDM) – device level (IEC 60749-28:2017)

31.080.20 **Tiristori**

Europska normizacija CENELEC

EN 60700-2:2016/AC:2017
Thyristor valves for high voltage direct current (HVDC) power transmission – Part 2: Terminology (IEC 60700-2:2016/Cor1:2017)

EN 61954:2011/A2:2017
Static VAR compensators (SVC) – Testing of thyristor valves (IEC 61954:2011/A2:2017)

31.120 **Elektronički uređaji za prikazivanje**

Međunarodna normizacija IEC

IEC/TR 62679-5-1:2017
Electronic paper displays – Part 5-1: Legibility of EPD in spatial frequency

31.140 **Piezoelektrične naprave**

Međunarodna normizacija IEC

IEC 60679-1:2017
Piezoelectric, dielectric and electrostatic oscillators of assessed quality – Part 1: Generic specification

31.180 **Tiskani krugovi i pločice**

Europska normizacija CENELEC

EN 61188-7:2017
Printed boards and printed board assemblies – Design and use – Part 7: Electronic component zero orientation for CAD library construction (IEC 61188-7:2017)

Međunarodna normizacija IEC

IEC 61191-4:2017
Printed board assemblies – Part 4: Sectional specification – Requirements for terminal soldered assemblies

31.190 **Sklopovi elektroničkih sastavnih dijelova**

Europska normizacija CENELEC

EN 61188-7:2017
Printed boards and printed board assemblies – Design and use – Part 7: Electronic component zero orientation for CAD library construction (IEC 61188-7:2017)

EN 62090:2017
Product package labels for electronic components using bar code and two-dimensional symbologies (IEC 62090:2017)

Međunarodna normizacija IEC

IEC 60068-2-58:2015/AMD1:2017
Amendment 1 – Environmental testing – Part 2-58: Tests – Test Td: Test methods for solderability, resistance to dissolution of metallization and to soldering heat of surface mounting devices (SMD)

IEC 60068-2-58:2015+A1:2017
Environmental testing – Part 2-58: Tests – Test Td: Test methods for solderability, resistance to dissolution of metallization and to soldering heat of surface mounting devices (SMD)

31.200 **Integrirani krugovi. Mikroelektronika**

Europska normizacija CENELEC

EN 61967-4:2002/AC:2017
Integrated circuits – Measurement of electromagnetic emissions, 150 kHz to 1 GHz – Part 4: Measurement of conducted emissions – 1 ohm/150 ohm direct coupling method (IEC 61967-4:2002/COR1:2017)

EN 62090:2017
Product package labels for electronic components using bar code and two-dimensional symbologies (IEC 62090:2017)

31.220.10 **Utikačke i utičničke naprave. Konektori**

Europska normizacija CENELEC

EN 60603-7-81:2016/AC:2017
Connectors for electronic equipment – Part 7-81: Detail specification for 8-way, shielded, free and fixed connectors, for data transmissions with frequencies up to 2 000 MHz (IEC 60603-7-81:2015/COR 1:2017)

31.240 **Mehaničke konstrukcije za elektroničku opremu**

Međunarodna normizacija IEC

IEC 60286-1:2017
Packaging of components for automatic handling – Part 1: Tape packaging of components with axial leads on continuous tapes

IEC 61191-4:2017
Printed board assemblies – Part 4: Sectional specification – Requirements for terminal soldered assemblies

31.260 Optoelektronika. Laserska oprema

Europska normizacija CENELEC

EN 60825-1:2014/AC:2017
Safety of laser products – Part 1: Equipment classification and requirements (IEC 60825-1:2014)

Međunarodna normizacija ISO

ISO/TR 20811:2017
Optics and photonics – Lasers and laser-related equipment – Laser-induced molecular contamination testing

IEC

IEC/TR 62679-5-1:2017
Electronic paper displays – Part 5-1: Legibility of EPD in spatial frequency

33.040.20 Prijenosni sustavi

Europska normizacija CENELEC

EN 60728-101:2017/AC:2017
Cable networks for television signals, sound signals and interactive services – Part 101: System performance of forward paths loaded with digital channels only (IEC 60728-101:2016)

33.060.20 Prijamna i odašiljačka oprema

Europska normizacija ETSI

EN 301908-13 V 11.1.2:2017
IMT cellular networks – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU – Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)

Međunarodna normizacija IEC

IEC 62802:2017
Measurement methods of a half-wavelength voltage and a chirp parameter for Mach-Zehnder optical modulators in high-frequency radio on fibre (RoF) systems

IEC/TR 63100:2017
Transmitting equipment for radiocommunication – Radio-over-fibre technologies for spectrum measurement – 100-GHz spectrum measurement equipment

33.060.40 Kabelski distribucijski sustavi

Europska normizacija CENELEC

EN 60728-101:2017/AC:2017
Cable networks for television signals, sound signals and interactive services – Part 101: System performance of forward paths loaded with digital channels only (IEC 60728-101:2016)

33.060.99 Ostala oprema za radiokomunikacije

Međunarodna normizacija IEC

IEC 61097-12:1996/Amd1:2017
Amendment 1 – Global maritime distress and safety system (GMDSS) – Part 12: Survival craft portable two-way VHF radiotelephone apparatus – Operational and performance requirements, methods of testing and required test results

IEC 61097-12:1996+Amd1:2017
Global maritime distress and safety system (GMDSS) – Part 12: Survival craft portable two-way VHF radiotelephone apparatus – Operational and performance requirements, methods of testing and required test results

33.070.01 Usluge pokretne mreže općenito

Europska normizacija ETSI

EN 301908-13 V 11.1.2
IMT cellular networks – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU – Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)

33.100.01 Elektromagnetska kompatibilnost općenito

Europska normizacija ETSI

EN 301357 V 2.1.1:2017
Electromagnetic compatibility and Radio spectrum Matters (ERM) – Cordless audio devices in the range 25 MHz to 2000 MHz – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

33.100.20 Otpornost

Međunarodna normizacija IEC

IEC 61000-4-12:2017
Electromagnetic compatibility (EMC) – Part 4-12: Testing and measurement techniques – Ring wave immunity test

33.160.01 Audiosustavi, videosustavi i audiovizualni sustavi općenito

Međunarodna normizacija IEC

IEC 60728-13-1:2017
Cable networks for television signals, sound signals and interactive services – Part 13-1: Bandwidth expansion for broadcast signal over FTTH system

IEC 62481-1-1:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 1-1: Architecture and protocols – Core architecture and protocols

IEC 62481-1-3:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 1-3: Architecture and protocols – Cloud access

IEC 62481-2:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 2: Media format profiles

IEC 62481-3:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 3: Link protection

IEC 62481-4:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 4: DRM interoperability solutions

IEC 62481-6-1:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 6-1: Remote User Interface – HTML5

IEC 62481-6-2:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 6-2: Remote user interface – RVU

IEC 62481-7:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 7: Authentication

IEC 62481-8:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 8: Diagnostics

IEC 62481-9:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 9: HTTP Adaptive Delivery

IEC 62481-10:2017
Digital living network ALLIANCE (DLNA) home networked device interoperability guidelines – Part 10: Low-power mode

33.160.30 Audiosustavi

Međunarodna normizacija IEC

IEC 61937-3:2017
Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 3: Non-linear PCM bitstreams according to the AC-3 and enhanced AC-3 formats

IEC 61937-10:2017
Digital audio-interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 10: Non-linear PCM bitstreams according to the MPEG-4 audio lossless coding (ALS) format

33.160.60 Multimedijski sustavi i telekonferencijska oprema

Međunarodna normizacija IEC

IEC 62481-1-2:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines Part 1-2: Architecture and protocols – Extended Digital Media Renderer

IEC 62481-5:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 5: Device Profiles

IEC 62608-2:2017
Multimedia home network configuration – Basic reference model Part 2: Operational model

33.170 Televizijski i radijski prijenos

Europska normizacija ETSI

EN 302567 V 2.1.1:2017
Multiple-Gigabit/s radio equipment operating in the 60 GHz band – Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

Međunarodna normizacija IEC

IEC 62766-4-1:2017
Consumer terminal function for access to IPTV and open internet multimedia services – Part 4-1: Protocols

IEC 62766-5-1:2017
Consumer terminal function for access to IPTV and open internet multimedia services – Part 5-1: Declarative application environment

IEC 62766-5-2:2017
Consumer terminal function for access to IPTV and open internet multimedia services – Part 5-2: Web standards TV profile

IEC 62766-6:2017
Consumer terminal function for access to IPTV and open internet multimedia services – Part 6: Procedural application environment

IEC 62766-7:2017
Consumer terminal function for access to IPTV and open internet multimedia services – Part 7: Authentication, content protection and service protection

IEC 62766-8:2017
Consumer terminal function for access to IPTV and open internet multimedia services – Part 8: Profiles

33.180.01 Svjetlovodni sustavi općenito

Međunarodna normizacija IEC

IEC 60728-13-1:2017
Cable networks for television signals, sound signals and interactive services – Part 13-1: Bandwidth expansion for broadcast signal over FTTH system

IEC 61745:2017
End-face image analysis procedure for the calibration of optical fibre geometry test sets

IEC/TR 63100:2017
Transmitting equipment for radiocommunication – Radio-over-fibre technologies for spectrum measurement – 100-GHz spectrum measurement equipment

33.180.10 Svjetlovodna vlakna i kabeli

Europska normizacija CENELEC

EN 60794-1-2:2017/AC:2017
Optical fibre cables – Part 1-2: Generic specification – Basic optical cable test procedures – General guidance (IEC 60794-1-2:2017)

Međunarodna normizacija IEC

IEC/TR 62316:2017
Guidance for the interpretation of OTDR backscattering traces for single-mode fibres

33.180.99 Ostala svjetlovodna oprema

Međunarodna normizacija IEC

IEC 62802:2017
Measurement methods of a half-wavelength voltage and a chirp parameter for Mach-Zehnder optical modulators in high-frequency radio on fibre (RoF) systems

33.200 Daljinsko upravljanje. Daljinsko mjerenje

Europska normizacija CENELEC

EN 62056-8-6:2017
Electricity metering data exchange – The DLMS/COSEM suite – Part 8-6: High speed PLC ISO/IEC 12139-1 profile for neighbourhood networks (IEC 62056-8-6:2017)

EN 62325-451-4:2017
Framework for energy market communications – Part 451-4: Settlement and reconciliation business process, contextual and assembly models for European market (IEC 62325-451-4:2017)

Međunarodna normizacija IEC

IEC/TR 61850-7-500:2017
Communication networks and systems for power utility automation – Part 7-500: Basic information and communication structure – Use of logical nodes for modeling application functions and related concepts and guidelines for substations

IEC 61970-452:2017
Energy management system application program interface (EMS-API) – Part 452: CIM static transmission network model profiles

IEC 62351-7:2017
Power systems management and associated information exchange – Data and communications security – Part 7: Network and System Management (NSM) data object models

IEC 62488-2:2017
Power line communication systems for power utility applications – Part 2: Analogue power line carrier terminals or APLC

35.030 Informatička sigurnost

Europska normizacija CENELEC

EN 62351-9:2017
Power systems management and associated information exchange – Data and communications security – Part 9: Cyber security key management for power system equipment (IEC 62351-9:2017)

Međunarodna normizacija ISO/IEC

ISO/IEC 10116:2017
Information technology – Security techniques – Modes of operation for an n-bit block cipher

35.040.01 Kodiranje informacija općenito

Međunarodna normizacija IEC

IEC 62481-1-2:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines Part 1-2: Architecture and protocols – Extended Digital Media Renderer

35.040.40 Kodiranje audioinformacija, videoinformacija, multimedijjskih i hipermedijjskih informacija

Međunarodna normizacija IEC

IEC 61937-3:2017
Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 3: Non-linear PCM bitstreams according to the AC-3 and enhanced AC-3 formats

IEC 61937-10:2017
Digital audio-interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 10: Non-linear PCM bitstreams according to the MPEG-4 audio lossless coding (ALS) format

IEC 62481-2:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 2: Media format profiles

35.040.50 Tehnike automatskog prepoznavanja i preuzimanja podataka

Europska normizacija CENELEC

EN 62090:2017
Product package labels for electronic components using bar code and two-dimensional symbologies (IEC 62090:2017)

35.060 Jezici koji se upotrebljavaju u informacijskoj tehnologiji

Međunarodna normizacija ISO/IEC

ISO/IEC 13211-1:1995/Cor 3:2017
Information technology – Programming languages – Prolog – Part 1: General core; Technical Corrigendum 3

35.080 Softver (programaska podrška)

Međunarodna normizacija ISO/IEC

ISO/IEC/IEEE 24748-5:2017
Systems and software engineering – Life cycle management – Part 5: Software development planning

35.100.05 Višeslojna primjena

Međunarodna normizacija IEC

IEC 62481-1-1:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 1-1: Architecture and protocols – Core architecture and protocols

IEC 62481-1-3:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 1-3: Architecture and protocols – Cloud access

IEC 62481-2:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 2: Media format profiles

IEC 62481-3:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 3: Link protection

IEC 62481-4:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 4: DRM interoperability solutions

IEC 62481-6-1:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 6-1: Remote User Interface – HTML5

IEC 62481-6-2:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 6-2: Remote user interface – RVU

IEC 62481-7:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 7: Authentication

IEC 62481-8:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 8: Diagnostics

IEC 62481-9:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 9: HTTP Adaptive Delivery

IEC 62481-10:2017
Digital living network ALLIANCE (DLNA) home networked device interoperability guidelines – Part 10: Low-power mode

35.110 Umrežavanje

Europska normizacija CENELEC

EN 62657-2:2017
Industrial communication networks – Wireless communication networks – Part 2: Coexistence management (IEC 62657-2:2017)

Međunarodna normizacija IEC

- IEC 62481-1-1:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 1-1: Architecture and protocols – Core architecture and protocols
- IEC 62481-1-2:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines Part 1-2: Architecture and protocols – Extended Digital Media Renderer
- IEC 62481-1-3:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 1-3: Architecture and protocols – Cloud access
- IEC 62481-2:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 2: Media format profiles
- IEC 62481-3:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 3: Link protection
- IEC 62481-4:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 4: DRM interoperability solutions
- IEC 62481-5:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 5: Device Profiles
- IEC 62481-6-1:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 6-1: Remote User Interface – HTML5
- IEC 62481-6-2:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 6-2: Remote user interface – RVU
- IEC 62481-7:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 7: Authentication
- IEC 62481-8:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 8: Diagnostics
- IEC 62481-9:2017
Digital living network alliance (DLNA) home networked device interoperability guidelines – Part 9: HTTP Adaptive Delivery
- IEC 62481-10:2017
Digital living network ALLIANCE (DLNA) home networked device interoperability guidelines – Part 10: Low-power mode
- IEC 62608-2:2017
Multimedia home network configuration – Basic reference model Part 2: Operational model
- IEC 62948:2017
Industrial networks – Wireless communication network and communication profiles – WIA-FA

35.200 Sučelna i spojna oprema

Europska normizacija CENELEC

- EN 62680-3-1:2017
Universal Serial Bus interfaces for data and power – Part 3-1: Universal Serial Bus 3.1 Specification (IEC 62680-3-1:2017)

Međunarodna normizacija ISO/IEC

- ISO/IEC TR 11801-9902:2017
Information technology – Generic cabling for customer premises – Part 9902: Specifications for End-to-end link configurations

35.210 Računarstvo u oblaku

Međunarodna normizacija ISO/IEC

- ISO/IEC 19086-3:2017
Information technology – Cloud computing – Service level agreement (SLA) framework – Part 3: Core conformance requirements

35.220.30 Optičke naprave za pohranu podataka

Međunarodna normizacija ISO/IEC

- ISO/IEC 16963:2017
Information technology – Digitally recorded media for information interchange and storage – Test method for the estimation of lifetime of optical disks for long-term data storage

35.240.20 Primjene IT-a u uredskom poslovanju

Europska normizacija CEN

- CEN/TR 16931-4:2017
Electronic invoicing – Part 4: Guidelines on interoperability of electronic invoices at the transmission level
- CEN/TR 16931-5:2017
Electronic invoicing – Part 5: Guidelines on the use of sector or country extensions in conjunction with EN 16931-1, methodology to be applied in the real environment

35.240.30 Primjene IT-a u obavješćivanju, dokumentaciji i izdavaštvu

Međunarodna normizacija ISO

- ISO 32000-2:2017
Document management – Portable document format – Part 2: PDF 2.0

IEC

- IEC 63029:2017
Audio, video multimedia systems and equipment – Multimedia e-publishing and e-book technologies – Raster-graphics image-based e-books

35.240.50 Primjene IT-a u industriji

Europska normizacija CENELEC

- EN 62325-451-3:2014/A1:2017
Framework for energy market communications – Part 451-3: Transmission capacity allocation business process (explicit or implicit auction) and contextual models for European market (IEC 62325-451-3:2014/A1:2017)
- EN 62325-451-4:2017
Framework for energy market communications – Part 451-4: Settlement and reconciliation business process, contextual and assembly models for European market (IEC 62325-451-4:2017)
- EN 62351-9:2017
Power systems management and associated information exchange – Data and communications security – Part 9: Cyber security key management for power system equipment (IEC 62351-9:2017)

Međunarodna normizacija IEC

- IEC/TR 61850-7-500:2017
Communication networks and systems for power utility automation – Part 7-500: Basic information and communication structure – Use of logical nodes for modeling application functions and related concepts and guidelines for substations
- IEC 61970-452:2017
Energy management system application program interface (EMS-API) – Part 452: CIM static transmission network model profiles
- IEC 62569-1:2017
Generic specification of information on products by properties – Part 1: Principles and methods

35.240.60 Primjene IT-a u prijevozu i trgovini

Europska normizacija CENELEC

- EN 62580-1:2016/A11:2017
Electronic railway equipment – On-board multimedia and telematic subsystems for railways – Part 1: General architecture

Međunarodna normizacija ISO

- ISO/TR 20545:2017
Intelligent transport systems – Vehicle/roadway warning and control systems – Report on standardisation for vehicle automated driving systems (RoVAS)/Beyond driver assistance systems
- ISO 24097-1:2017
Intelligent transport systems – Using web services (machine-machine delivery) for ITS service delivery – Part 1: Realization of interoperable web services

35.240.63 IT aplikacije za trgovinu

Europska normizacija CEN

- CEN/TR 16931-4:2017
Electronic invoicing – Part 4: Guidelines on interoperability of electronic invoices at the transmission level
- CEN/TR 16931-5:2017
Electronic invoicing – Part 5: Guidelines on the use of sector or country extensions in conjunction with EN 16931-1, methodology to be applied in the real environment

CENELEC

- EN 62325-451-3:2014/A1:2017
Framework for energy market communications – Part 451-3: Transmission capacity allocation business process (explicit or implicit auction) and contextual models for European market (IEC 62325-451-3:2014/A1:2017)
- EN 62325-451-4:2017
Framework for energy market communications – Part 451-4: Settlement and reconciliation business process, contextual and assembly models for European market (IEC 62325-451-4:2017)

35.240.80 Primjene IT-a u tehnologiji zaštite zdravlja

Međunarodna normizacija ISO

- ISO/TR 20831:2017
Health informatics – Medication management concepts and definitions

35.240.95 Internetske aplikacije

Međunarodna normizacija IEC

- IEC 62766-4-1:2017
Consumer terminal function for access to IPTV and open internet multimedia services – Part 4-1: Protocols
- IEC 62766-5-1:2017
Consumer terminal function for access to IPTV and open internet multimedia services – Part 5-1: Declarative application environment
- IEC 62766-5-2:2017
Consumer terminal function for access to IPTV and open internet multimedia services – Part 5-2: Web standards TV profile
- IEC 62766-6:2017
Consumer terminal function for access to IPTV and open internet multimedia services – Part 6: Procedural application environment
- IEC 62766-7:2017
Consumer terminal function for access to IPTV and open internet multimedia services – Part 7: Authentication, content protection and service protection
- IEC 62766-8:2017
Consumer terminal function for access to IPTV and open internet multimedia services – Part 8: Profiles

35.240.99 Primjene IT-a u ostalim područjima

Europska normizacija CENELEC

- EN 62056-8-6:2017
Electricity metering data exchange – The DLMS/COSEM suite – Part 8-6: High speed PLC ISO/IEC 12139-1 profile for neighbourhood networks (IEC 62056-8-6:2017)

37.020 Optička oprema

Međunarodna normizacija ISO

- ISO 10936-1:2017
Optics and photonics – Operation microscopes – Part 1: Requirements and test methods
- ISO 14490-5:2017
Optics and photonics – Test methods for telescopic systems – Part 5: Test methods for transmittance

37.040.20 Fotografski papir, filmovi i kazete

Međunarodna normizacija ISO

- ISO 18941:2017
Imaging materials – Colour reflection prints – Test method for ozone gas fading stability

37.080 Primjene u preslikavanju dokumenata

Međunarodna normizacija ISO

- ISO 11506:2017
Document management applications – Archiving of electronic data – Computer output microform (COM)/Computer output laser disc (COLD)

37.100.01 Grafička tehnologija općenito

Međunarodna normizacija
ISO

ISO 13655:2017
Graphic technology – Spectral measurement and colorimetric computation for graphic arts images

37.100.99 Ostale norme koje se odnose na grafičku tehnologiju

Međunarodna normizacija
ISO

ISO 32000-2:2017
Document management – Portable document format – Part 2: PDF 2.0

43.040.15 Informatika vozila. Računalni sustavi u vozilu

Međunarodna normizacija
ISO

ISO 22900-2:2017
Road vehicles – Modular vehicle communication interface (MVCi) – Part 2: Diagnostic protocol data unit (D-PDU API)

43.040.20 Uređaji za osvjetljivanje, svjetlosnu signalizaciju i upozoravanje

Međunarodna normizacija
IEC

IEC 60809:2014/Amd1:2017/ISH1:2017
Interpretation sheet 1 – Lamps for road vehicles – Dimensional, electrical and luminous requirements

43.150 Bicikli

Europska normizacija
CEN

CEN/TR 17112:2017
Cycles – Composite material used in bicycles – Specific tests suitable for components manufactured from composite materials

45.060.01 Željeznička tračnička vozila općenito

Međunarodna normizacija
IEC

IEC 60077-1:2017
Railway applications – Electric equipment for rolling stock – Part 1: General service conditions and general rules

IEC 60077-2:2017
Railway applications – Electric equipment for rolling stock – Part 2: Electrotechnical components – General rules

47.020.01 Opće norme koje se odnose na brodogradnju i pomorske konstrukcije

Međunarodna normizacija
ISO

ISO 19891-1:2017
Ships and marine technology – Specifications for gas detectors intended for use on board ships – Part 1: Portable gas detectors for atmosphere testing of enclosed spaces

47.020.70 Oprema za navigaciju i upravljanje

Međunarodna normizacija
IEC

IEC 61097-12:1996/Amd1:2017
Amendment 1 – Global maritime distress and safety system (GMDSS) – Part 12: Survival craft portable two-way VHF radiotelephone apparatus – Operational and performance requirements, methods of testing and required test results

IEC 61097-12:1996+Amd1:2017
Global maritime distress and safety system (GMDSS) – Part 12: Survival craft portable two-way VHF radiotelephone apparatus – Operational and performance requirements, methods of testing and required test results

49.025.05 Legure na bazi željeza općenito

Europska normizacija
CEN

EN 3875:2017
Aerospace series – Metallic materials, Filler metal for brazing – Technical specification

49.025.10 Čelici

Europska normizacija
CEN

EN 2034:2017
Aerospace series – Round steel bars drawn and/or descaled – Dimensions – Tolerance h 11

EN 2036:2017
Aerospace series – Round steel bars ground – Dimensions – Tolerance h 8

EN 2040:2017
Aerospace series – Rectangular steel bars rolled – Dimensions – Tolerance js 16

49.025.15 Neželjezni metali općenito

Europska normizacija
CEN

EN 3875:2017
Aerospace series – Metallic materials, Filler metal for brazing – Technical specification

49.025.20 Aluminij

Europska normizacija
CEN

EN 2004-7:2017
Aerospace series – Test methods for aluminium and aluminium alloy products – Part 7: Reference blocks for the calibration of measuring equipment used in the determination of electrical conductivity of wrought aluminium and aluminium alloys

EN 2053:2017
Aerospace series – U-section aluminium alloy folded profiles – Dimensions

49.025.30 Titan

Europska normizacija
CEN

EN 3451:2017
Aerospace series – Titanium TI-P99002 – Not heat treated – Grade 2 forging stock, for annealed forgings – a or D ≤ 300 mm

49.030.20 Vijci i svorni vijci

Europska normizacija CEN

- EN 3302:2017
Aerospace series – Bolts in heat resisting steel FE-PM1708 (FV535) – Classification: 1000 MPa/550 °C – Technical specification
- EN 4072:2016/AC:2017
Aerospace series – Screws, 100° countersunk normal head, offset cruciform recess, close tolerance shank, short thread in titanium alloy, aluminium IVD coated – Classification: 1 100 MPa (at ambient temperature) / 425 °C
- EN 4162:2016/AC:2017
Aerospace series – Screws 100° countersunk normal head, offset cruciform recess, coarse tolerance normal shank, medium length thread, in alloy steel, cadmium plated – Classification: 1 100 MPa (at ambient temperature) / 235 °C

49.060 Zrakoplovna električna oprema i sustavi

Međunarodna normizacija ISO

- ISO/TR 21891:2017
Aerospace electrical requirements – Sleeves and moulded shapes – Specifications for aircraft use

IEC

- IEC/TR 62396-6:2017
Process management for avionics – Atmospheric radiation effects – Part 6: Extreme space weather – Potential impact on the avionics environment and electronics

49.090 Oprema i instrumenti u zrakoplovu

Međunarodna normizacija IEC

- IEC/TR 62396-6:2017
Process management for avionics – Atmospheric radiation effects – Part 6: Extreme space weather – Potential impact on the avionics environment and electronics
- IEC/TR 62396-7:2017
Process management for avionics – Atmospheric radiation effects – Part 7: Management of single event effects (SEE) analysis process in avionics design

53.100 Strojevi za zemljane radove

Međunarodna normizacija ISO

- ISO 20474-1:2017
Earth-moving machinery – Safety – Part 1: General requirements
- ISO 20474-2:2017
Earth-moving machinery – Safety – Part 2: Requirements for dozers
- ISO 20474-3:2017
Earth-moving machinery – Safety – Part 3: Requirements for loaders
- ISO 20474-4:2017
Earth-moving machinery – Safety – Part 4: Requirements for backhoe loaders
- ISO 20474-5:2017
Earth-moving machinery – Safety – Part 5: Requirements for hydraulic excavators
- ISO 20474-6:2017
Earth-moving machinery – Safety – Part 6: Requirements for dumpers

- ISO 20474-7:2017
Earth-moving machinery – Safety – Part 7: Requirements for scrapers
- ISO 20474-8:2017
Earth-moving machinery – Safety – Part 8: Requirements for graders
- ISO 20474-9:2017
Earth-moving machinery – Safety – Part 9: Requirements for pipelayers
- ISO 20474-10:2017
Earth-moving machinery – Safety – Part 10: Requirements for trenchers
- ISO 20474-11:2017
Earth-moving machinery – Safety – Part 11: Requirements for landfill compactors
- ISO 20474-12:2017
Earth-moving machinery – Safety – Part 12: Requirements for cable excavators
- ISO 20474-13:2017
Earth-moving machinery – Safety – Part 13: Requirements for rollers

59.060.01 Tekstilna vlakna općenito

Međunarodna normizacija ISO

- ISO 1833-4:2017
Textiles – Quantitative chemical analysis – Part 4: Mixtures of certain protein fibres with certain other fibres (method using hypochlorite)

65.120 Hrana za životinje

Europska normizacija CEN

- EN 16930:2017
Animal feeding stuffs: Methods of sampling and analysis – Determination of carbadox and olaquinox by HPLC/UV
- EN 16967:2017
Animal feeding stuffs: Methods of sampling and analysis – Predictive equations for metabolizable energy in feed materials and compound feed (pet food) for cats and dogs including dietetic food

67.240 Senzorske analize

Međunarodna normizacija ISO

- ISO 6658:2017
Sensory analysis – Methodology – General guidance
- ISO 8588:2017
Sensory analysis – Methodology – “A” – “not A” test

71.040.40 Kemijska analiza

Međunarodna normizacija ISO

- ISO 6145-6:2017
Gas analysis – Preparation of calibration gas mixtures using dynamic methods – Part 6: Critical flow orifices

71.100.20 Plinovi za industrijsku primjenu

Međunarodna normizacija ISO

- ISO 10156:2017
Gas cylinders – Gases and gas mixtures – Determination of fire potential and oxidizing ability for the selection of cylinder valve outlets

71.100.80 Kemikalije za pročišćivanje vode

Europska normizacija
CEN

EN 12485:2017
Chemicals used for treatment of water intended for human consumption – Calcium carbonate, high-calcium lime, half-burnt dolomite, magnesium oxide, calcium magnesium carbonate and dolomitic lime – Test methods

73.040 Ugljen

Međunarodna normizacija
ISO

ISO 647:2017
Brown coals and lignites – Determination of the yields of tar, water, gas and coke residue by low temperature distillation

73.060.10 Željezove rude

Međunarodna normizacija
ISO

ISO 3082:2017
Iron ores – Sampling and sample preparation procedures

ISO 10204:2017
Iron ores – Determination of magnesium – Flame atomic absorption spectrometric method

75.160.20 Tekuća goriva

Europska normizacija
CEN

CEN/TR 16389:2017
Automotive fuels – Paraffinic diesel fuel and blends with FAME – Background to the parameters required and their respective limits and determination

Međunarodna normizacija
ISO

ISO 12156-2:2017
Diesel fuel – Assessment of lubricity using the high-frequency reciprocating rig (HFRR) – Part 2: Limit

75.180.01 Oprema za naftnu industriju i industriju prirodnoga plina općenito

Međunarodna normizacija
ISO

ISO 17781:2017
Petroleum, petrochemical and natural gas industries – Test methods for quality control of microstructure of ferritic/austenitic (duplex) stainless steels

75.200 Oprema za rukovanje naftnim proizvodima i prirodnim plinom

Međunarodna normizacija
ISO

ISO 12176-1:2017
Plastics pipes and fittings – Equipment for fusion jointing polyethylene systems – Part 1: Butt fusion

77.040.10 Mehaničko ispitivanje metala

Međunarodna normizacija
ISO

ISO 15363:2017
Metallic materials – Tube ring hydraulic pressure test

77.140.10 Toplinski obradivi čelici

Međunarodna normizacija
ISO

ISO 683-5:2017
Heat treatable steels, alloy steels and free-cutting steels – Part 5: Nitriding steels

77.140.20 Nehrđajući čelici

Međunarodna normizacija
ISO

ISO 683-5:2017
Heat treatable steels, alloy steels and free-cutting steels – Part 5: Nitriding steels

77.140.30 Čelici za tlačne svrhe

Europska normizacija
CEN

EN 10028-1:2017
Flat products made of steels for pressure purposes – Part 1: General requirements

EN 10028-2:2017
Flat products made of steels for pressure purposes – Part 2: Non-alloy and alloy steels with specified elevated temperature properties

EN 10028-3:2017
Flat products made of steels for pressure purposes – Part 3: Weldable fine grain steels, normalized

EN 10028-4:2017
Flat products made of steels for pressure purposes – Part 4: Nickel alloy steels with specified low temperature properties

EN 10028-5:2017
Flat products made of steels for pressure purposes – Part 5: Weldable fine grain steels, thermomechanically rolled

EN 10028-6:2017
Flat products made of steels for pressure purposes – Part 6: Weldable fine grain steels, quenched and tempered

77.140.50 Proizvodi i poluproizvodi od plosnatog čelika

Europska normizacija
CEN

EN 10028-1:2017
Flat products made of steels for pressure purposes – Part 1: General requirements

EN 10028-2:2017
Flat products made of steels for pressure purposes – Part 2: Non-alloy and alloy steels with specified elevated temperature properties

EN 10028-3:2017
Flat products made of steels for pressure purposes – Part 3: Weldable fine grain steels, normalized

EN 10028-4:2017
Flat products made of steels for pressure purposes – Part 4: Nickel alloy steels with specified low temperature properties

EN 10028-5:2017
Flat products made of steels for pressure purposes – Part 5: Weldable fine grain steels, thermomechanically rolled

EN 10028-6:2017
Flat products made of steels for pressure purposes – Part 6: Weldable fine grain steels, quenched and tempered

EN 10120:2017
Steel sheet and strip for welded gas cylinders

77.160 Metalurgija praha

Međunarodna normizacija ISO

- ISO 4496:2017
Metallic powders – Determination of acid-insoluble content in iron, copper, tin and bronze powders

79.040 Drvo, trupci i piljena građa

Međunarodna normizacija ISO

- ISO 13061-1:2014/Amd 1:2017
Physical and mechanical properties of wood – Test methods for small clear wood specimens – Part 1: Determination of moisture content for physical and mechanical tests; Amendment 1
- ISO 13061-2:2014/Amd 1:2017
Physical and mechanical properties of wood – Test methods for small clear wood specimens – Part 2: Determination of density for physical and mechanical tests; Amendment 1
- ISO 13061-3:2014/Amd 1:2017
Physical and mechanical properties of wood – Test methods for small clear wood specimens – Part 3: Determination of ultimate strength in static bending; Amendment 1
- ISO 13061-4:2014/Amd 1:2017
Physical and mechanical properties of wood – Test methods for small clear wood specimens – Part 4: Determination of modulus of elasticity in static bending; Amendment 1
- ISO 13061-15:2017
Physical and mechanical properties of wood – Test methods for small clear wood specimens – Part 15: Determination of radial and tangential swelling
- ISO 13061-16:2017
Physical and mechanical properties of wood – Test methods for small clear wood specimens – Part 16: Determination of volumetric swelling

79.080 Drveni poluproizvodi

Europska normizacija CEN

- EN 14354:2017
Wood-based panels – Wood veneer floor coverings

79.100 Pluta i proizvodi od pluta

Međunarodna normizacija ISO

- ISO 3867:2017
Composition cork – Expansion joint fillers – Test methods
- ISO 3869:2017
Agglomerated cork – Expansion joint fillers – Specifications, packaging and marking

79.120.10 Strojevi za obradu drva

Međunarodna normizacija ISO

- ISO 19085-1:2017
Woodworking machines – Safety – Part 1: Common requirements
- ISO 19085-2:2017
Woodworking machines – Safety – Part 2: Horizontal beam panel circular sawing machines
- ISO 19085-5:2017
Woodworking machines – Safety – Part 5: Dimension saws

81.060.30 Tehnička keramika

Međunarodna normizacija ISO

- ISO 19630:2017
Fine ceramics (advanced ceramics, advanced technical ceramics) – Methods of test for reinforcements – Determination of tensile properties of filaments at ambient temperature

83.040.10 Lateks i sirova guma

Međunarodna normizacija ISO

- ISO 10638:2017
Rubber – Identification of antidegradants by gas chromatography/mass spectrometry

83.040.20 Sastojci gume

Međunarodna normizacija ISO

- ISO 10638:2017
Rubber – Identification of antidegradants by gas chromatography/mass spectrometry

83.060 Guma

Međunarodna normizacija ISO

- ISO 1431-3:2017
Rubber, vulcanized or thermoplastic – Resistance to ozone cracking – Part 3: Reference and alternative methods for determining the ozone concentration in laboratory test chambers
- ISO 19983:2017
Rubber – Determination of precision of test methods

83.140.40 Crijeva

Međunarodna normizacija ISO

- ISO 1436:2017
Rubber hoses and hose assemblies – Wire-braid-reinforced hydraulic types for oil-based or water-based fluids – Specification
- ISO 3862:2017
Rubber hoses and hose assemblies – Rubber-covered spiral-wire-reinforced hydraulic types for oil-based or water-based fluids – Specification
- ISO 5359:2014/Amd 1:2017
Anaesthetic and respiratory equipment – Low-pressure hose assemblies for use with medical gases; Amendment 1

83.140.99 Ostali gumeni i plastični proizvodi

Međunarodna normizacija ISO

- ISO 20437:2017
Natural rubber latex cleanroom gloves – Specification

83.160.01 Gume za vozila općenito

Međunarodna normizacija ISO

- ISO 18885-1:2017
TPMS snap-in valves – Part 1: Identification

83.160.10 Gume za cestovna vozila

Međunarodna normizacija ISO

- ISO 29802:2017
All-terrain (AT) tyres and rims – Symbol marked pneumatic tyres on 5 degree tapered rims – Designation, dimension, marking and load ratings

83.180 Adhezivi

Međunarodna normizacija ISO

- ISO 19209:2017
Adhesives – Classification of thermoplastic wood adhesives for non-structural applications
- ISO 19210:2017
Adhesives – Wood adhesives for non-structural applications – Determination of tensile shear strength of lap joints

91.040.01 Građevine općenito

Međunarodna normizacija ISO

- ISO 15686-5:2017
Buildings and constructed assets – Service life planning – Part 5: Life-cycle costing
- ISO 18566-1:2017
Building environment design – Design, test methods and control of hydronic radiant heating and cooling panel systems – Part 1: Vocabulary, symbols, technical specifications and requirements
- ISO 18566-2:2017
Building environment design – Design, test methods and control of hydronic radiant heating and cooling panel systems – Part 2: Determination of heating and cooling capacity of ceiling mounted radiant panels
- ISO 18566-3:2017
Building environment design – Design, test methods and control of hydronic radiant heating and cooling panel systems – Part 3: Design of ceiling mounted radiant panels
- ISO 18566-4:2017
Building environment design – Design, test methods and control of hydronic radiant heating and cooling panel systems – Part 4: Control of ceiling mounted radiant heating and cooling panels

91.100.30 Beton i betonski proizvodi

Međunarodna normizacija ISO

- ISO 19595:2017
Natural aggregates for concrete

91.100.50 Veziva. Materijali za brtvljenje

Europska normizacija CEN

- EN 15651-4:2017/AC:2017
Sealants for non-structural use in joints in buildings and pedestrian walkways – Part 4: Sealants for pedestrian walkways
- EN 16640:2017/AC:2017
Bio-based products – Bio-based carbon content – Determination of the bio-based carbon content using the radiocarbon method

Međunarodna normizacija ISO

- ISO 3867:2017
Composition cork – Expansion joint fillers – Test methods
- ISO 3869:2017
Agglomerated cork – Expansion joint fillers – Specifications, packaging and marking

91.120.20 Akustika u zgradama. Zvučna izolacija

Europska normizacija CEN

- EN 15657:2017
Acoustic properties of building elements and of buildings – Laboratory measurement of structure-borne sound from building service equipment for all installation conditions

Međunarodna normizacija ISO

- ISO 12354-1:2017
Building acoustics – Estimation of acoustic performance of buildings from the performance of elements – Part 1: Airborne sound insulation between rooms
- ISO 12354-2:2017
Building acoustics – Estimation of acoustic performance of buildings from the performance of elements – Part 2: Impact sound insulation between rooms
- ISO 12354-3:2017
Building acoustics – Estimation of acoustic performance of buildings from the performance of elements – Part 3: Airborne sound insulation against outdoor sound
- ISO 12354-4:2017
Building acoustics – Estimation of acoustic performance of buildings from the performance of elements – Part 4: Transmission of indoor sound to the outside

91.120.40 Zaštita od groma

Međunarodna normizacija IEC

- IEC 62561-4:2017
Lightning protection system components (LPSC) – Part 4: Requirements for conductor fasteners
- IEC 62561-5:2017
Lightning protection system components (LPSC) – Part 5: Requirements for earth electrode inspection housings and earth electrode seals

91.140.40 Sustavi opskrbe plinom

Europska normizacija CEN

- EN 1359:2017
Gas meters – Diaphragm gas meters

91.140.50 Sustavi opskrbe električnom energijom

Europska normizacija CENELEC

- EN 62056-8-6:2017
Electricity metering data exchange – The DLMS/COSEM suite – Part 8-6: High speed PLC ISO/IEC 12139-1 profile for neighbourhood networks (IEC 62056-8-6:2017)

91.140.90 Dizala. Pokretne stube

Europska normizacija
CEN

EN 115-1:2017
Safety of escalators and moving walks – Part 1: Construction and installation

97.030 Kućanski električni uređaji općenito

Međunarodna normizacija
IEC

IEC 60335-2-49:2002/Amd2:2017
Amendment 2 – Household and similar electrical appliances – Safety – Part 2-49: Particular requirements for commercial electric appliances for keeping food and crockery warm

IEC 60335-2-49:2002+Amd1:2008+Amd2:2017
Household and similar electrical appliances – Safety – Part 2-49: Particular requirements for commercial electric appliances for keeping food and crockery warm

97.040.99 Ostala kuhinjska oprema

Europska normizacija
CEN

EN 16282-1:2017
Equipment for commercial kitchens – Components for ventilation in commercial kitchens – Part 1: General requirements including calculation method

EN 16282-5:2017
Equipment for commercial kitchens – Components for ventilation in commercial kitchens – Part 5: Air duct; Design and dimensioning

EN 16282-7:2017
Equipment for commercial kitchens – Components for ventilation in commercial kitchens – Part 7: Installation and use of fixed fire suppression systems

EN 16282-8:2017
Equipment for commercial kitchens – Components for ventilation in commercial kitchens – Part 8: Installations for treatment of aerosol; Requirements and testing

97.060 Praonički uređaji

Međunarodna normizacija
IEC

IEC 60335-2-85:2002/Amd2:2017
Amendment 2 – Household and similar electrical appliances – Safety – Part 2-85: Particular requirements for fabric steamers

IEC 60335-2-85:2002+Amd1:2008+Amd2:2017
Household and similar electrical appliances – Safety – Part 2-85: Particular requirements for fabric steamers

97.100.20 Plinski grijači

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CEN

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97.120 Automatsko upravljanje za kućansku upotrebu

Međunarodna normizacija
IEC

IEC 62820-1-2:2017
Building intercom systems – Part 1-2: System requirements – Building intercom systems using the internet protocol (IP)

97.140 Namještaj

Europska normizacija
CEN

EN 14988:2017
Children's high chairs – Requirements and test methods

97.150 Netekstilni podni prekrivači

Europska normizacija
CEN

EN 13553:2017
Resilient floor coverings – Polyvinyl chloride floor coverings for use in special wet areas – Specification

EN 13845:2017
Resilient floor coverings – Polyvinyl chloride floor coverings with particle based enhanced slip resistance – Specification

97.190 Oprema za djecu

Europska normizacija
CEN

EN 14988:2017
Children's high chairs – Requirements and test methods

97.200.50 Igračke

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ISO

ISO 8124-4:2014/Amd 1:2017
Safety of toys – Part 4: Swings, slides and similar activity toys for indoor and outdoor family domestic use; Amendment 1