

Hrvatski zavod za norme

Oglasnik za normativne dokumente

4/2011 kolovoz, 2011.

Oglasnik za normativne dokumente Hrvatskog zavoda za norme sadrži popise hrvatskih norma, nacrtu hrvatskih norma, prijedloga za prihvaćanje stranih norma u izvorniku, povučene hrvatske norme, povučene nacrtu hrvatskih norma te ispravke, rezultate europske i međunarodne normizacije 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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- 4.1 Cjenik hrvatskih norma

Rezultati hrvatske normizacije

1.1 Hrvatske norme

Temeljem Zakona o normizaciji (Narodne novine 163/03) 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 28, *Naftni proizvodi i maziva*

HRN EN ISO 20884:2011 en pr
Naftni proizvodi – Određivanje sadržaja sumpora u gorivima za motorna vozila – Valno disperzivna rendgenska fluorescentna spektrometrija (ISO 20884:2011; EN ISO 20884:2011)
Petroleum products – Determination of sulfur content of automotive fuels – Wavelength-dispersive X-ray fluorescence spectrometry (ISO 20884:2011; EN ISO 20884:2011)

HZN/TO 71, *Beton*

HRN EN 480-1:2011 en pr
Dodatci betonu, mortu i smjesi za injektiranje – Metode ispitivanja – 1. dio: Referentni beton i referentni mort za ispitivanje (EN 480-1:2006+A1:2011)
Admixtures for concrete, mortar and grout – Test methods – Part 1: Reference concrete and reference mortar for testing (EN 480-1:2006+A1:2011)

HRN EN 480-13:2011 en pr
Dodaci betonu, mortu i smjesi za injektiranje – Metode ispitivanja – 13. dio: Referentni mort za zidanje za ispitivanje dodataka mortu (EN 480-13:2009+A1:2011)
Admixtures for concrete, mortar and grout – Test methods – Part 13: Reference masonry mortar for testing mortar admixtures (EN 480-13:2009+A1:2011)

HZN/TO 74, *Cement i vapno*

HRN EN 196-5:2011 en pr
Metode ispitivanja cementa – 5. dio: Ispitivanje pucolaniteta za pucolanske cemente (EN 196-5:2011)
Methods of testing cement – Part 5: Pozzolanicity test for pozzolanic cement (EN 196-5:2011)

HRN EN 413-1:2011 en pr
Zidarski cement – 1. dio: Sastav, specifikacije i kriteriji sukladnosti (EN 413-1:2011)
Masonry cement – Part 1: Composition, specifications and conformity criteria (EN 413-1:2011)

HZN/TO 92, *Zaštita od požara*

HRN EN 15080-12:2011 en pr
Proširena primjena rezultata ispitivanja otpornosti na požar – 12. dio: Nosivi opečni zidovi (EN 15080-12:2011)
Extended application of results from fire resistance tests – Part 12: Loadbearing masonry walls (EN 15080-12:2011)

HRN EN 15269-10:2011 en pr
Proširena primjena rezultata ispitivanja otpornosti na požar i/ili dimopropusnosti vrata, zaslona i prozora koji se mogu otvarati, uključujući pripadajući okov – 10. dio: Otpornost na požar sustava čeličnih roleta (EN 15269-10:2011)

Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies including their elements of building hardware – Part 10: Fire resistance of steel rolling shutter assemblies (EN 15269-10:2011)

HZN/TO 108, *Mehaničke vibracije i udari*

HRN DIN 4150-1:2011 de pr
Vibracije u građevinama – 1. dio: Procjena vibracijskih parametara (DIN 4150-1:2001)
Vibrations in buildings – Part 1: Prediction of vibration parameters (DIN 4150-1:2001)

HRN DIN 4150-2:2011 de pr
Vibracije u građevinama – 2. dio: Djelovanje na ljude u građevinama (DIN 4150-2:1999)
Vibrations in buildings – Part 2: Effects on persons in buildings (DIN 4150-2:1999)

HRN DIN 4150-3:2011 de pr
Vibracije u građevinama – 3. dio: Djelovanje na konstrukcije (DIN 4150-3:1999)
Vibration in buildings – Part 3: Effects on structures (DIN 4150-3:1999)

HZN/TO 120, *Koža i obuća*

HRN EN ISO 17234-2:2011 en pr
Koža – Kemijska ispitivanja za određivanje određenih azo bojila u obojenoj koži – 2. dio: Određivanje 4-aminoazobenzena (ISO 17234-2:2011; EN ISO 17234-2:2011)
Leather – Chemical tests for the determination of certain azo colorants in dyed leathers – Part 2: Determination of 4-aminoazobenzene (ISO 17234-2:2011; EN ISO 17234-2:2011)

HZN/TO 136, *Namještaj*

HRN EN 527-1:2011 en pr
Uredski namještaj – Radni stolovi i pultovi – 1. dio: Dimenzije (EN 527-1:2011)
Office furniture – Work tables and desks – Part 1: Dimensions (EN 527-1:2011)

HRN EN 15185:2011 en pr
Namještaj – Procjena otpornosti površine na habanje (EN 15185:2011)
Furniture – Assessment of the surface resistance to abrasion (EN 15185:2011)

HRS CEN/TS 16209:2011 en pr
Namještaj – Razredba svojstava za površine namještaja (CEN/TS 16209:2011)
Furniture – Classification for properties for furniture surfaces (CEN/TS 16209:2011)

HZN/TO 146, *Kvaliteta zraka*

HRN EN ISO 21258:2010 en pr
Emisije iz stacionarnih izvora – Određivanje masene koncentracije dušikovog monoksida (N₂O) – Referentna metoda: nedisperzivna infracrvena metoda (ISO 21258:2010; EN ISO 21258:2010)
Stationary source emissions – Determination of the mass concentration of dinitrogen monoxide (N₂O) – Reference method: Non-dispersive infrared method (ISO 21258:2010; EN ISO 21258:2010)

HZN/TO 147/PO 6, *Kvaliteta vode; Uzorkovanje (opće metode)*

HRN EN ISO 5667-23:2011 en pr
Kvaliteta vode – Uzorkovanje – 23. dio: Upute za pasivno uzorkovanje u površinskim vodama (ISO 5667-23:2011; EN ISO 5667-23:2011)
Water quality – Sampling – Part 23: Guidance on passive sampling in surface waters (ISO 5667-23:2011; EN ISO 5667-23:2011)

HZN/TO 159, Ergonomija

- HRN EN ISO 9241-420:2011 en pr
Ergonomija međudjelovanja čovjek-sustav – 420. dio:
Postupci odabira uređaja s ulaznom jedinicom
(ISO 9241-420:2011; EN ISO 9241-420:2011)
Ergonomics of human-system interaction – Part 420:
Selection of physical input devices
(ISO 9241-420:2011; EN ISO 9241-420:2011)
- HRN EN ISO 9241-910:2011 en pr
Ergonomija međudjelovanja čovjek-sustav – 910. dio:
Okvir za opipno i osjetno međudjelovanje
(ISO 9241-910:2011; EN ISO 9241-910:2011)
Ergonomics of human-system interaction – Part 910:
Framework for tactile and haptic interaction
(ISO 9241-910:2011; EN ISO 9241-910:2011)

HZN/TO 165, Drvene konstrukcije

- HRN EN 14081-1:2011 en pr
Drvene konstrukcije – Konstrukcijsko drvo pravokutnoga
poprečnog presjeka razvrstano prema čvrstoći – 1. dio:
Opći zahtjevi (EN 14081-1:2005+A1:2011)
Timber structures – Strength graded structural timber
with rectangular cross section – Part 1: General
requirements (EN 14081-1:2005+A1:2011)

HZN/TO 172, Optika i optički instrumenti

- HRN EN ISO 11979-8:2010/A1:2011 en pr
Oftalmološki implantati – Intraokularne leće – 8. dio:
Osnovni zahtjevi (ISO 11979-8:2006/Amd 1:2011;
EN ISO 11979-8:2009/A1:2011)
Ophthalmic implants – Intraocular lenses – Part 8:
Fundamental requirements (ISO 11979-8:2006/
Amd 1:2011; EN ISO 11979-8:2009/A1:2011)
- HRN EN ISO 13212:2011 en pr
Oftalmološka optika – Proizvodi za održavanje
kontaktnih leća – Smjernice za određivanje roka
uporabe (ISO 13212:2011; EN ISO 13212:2011)
Ophthalmic optics – Contact lens care products –
Guidelines for determination of shelf-life
(ISO 13212:2011; EN ISO 13212:2011)
- HRN EN 16128:2011 en pr
Referentne metode ispitivanja otpuštanja nikla iz onih
dijelova okvira naočala i sunčanih naočala koji su u
bliskom i duljem doticaju s kožom (EN 16128:2011)
Reference test method for release of nickel from those
parts of spectacle frames and sunglasses intended to
come into close and prolonged contact with the skin
(EN 16128:2011)

HZN/TO 190, Kvaliteta tla

- HRN ISO 14154:2011 en pr
Kvaliteta tla – Određivanje odabranih fenola i
klorofenola – Plinsko-kromatografska metoda
(ISO 14154:2005)
Soil quality – Determination of selected phenols and
chlorophenols – Gas-chromatographic method
(ISO 14154:2005)
- HRN ISO 15009:2011 en pr
Kvaliteta tla – Određivanje sadržaja hlapljivih
aromatskih ugljikovodika, naftalena i hlapljivih
halogenih ugljikovodika plinskom kromatografijom
– Metoda pročišćavanjem, adsorpcijom i termalnom
desorpcijom (Purge-and-trap metoda)
(ISO 15009:2002)
Soil quality – Gas chromatographic determination
of the content of volatile aromatic hydrocarbons,
naphthalene and volatile halogenated hydrocarbons
– Purge-and-trap method with thermal desorption
(ISO 15009:2002)
- HRN ISO 18287:2011 en pr
Kvaliteta tla – Određivanje policikličkih aromatskih
ugljikovodika (PAH) – Plinsko-kromatografska metoda
s detekcijom masenom spektrometrijom (GC-MS)
(ISO 18287:2006)

Soil quality – Determination of polycyclic aromatic
hydrocarbons (PAH) – Gas chromatographic method
with mass spectrometric detection (GC-MS)
(ISO 18287:2006)

- HRN ISO 20279:2011 en pr
Kvaliteta tla – Ekstrakcija talija i određivanje pomoću
elektrotermalne atomske apsorpcijske spektrometrije
(ISO 20279:2005)
Soil quality – Extraction of thallium and determination
by electrothermal atomic absorption spectrometry
(ISO 20279:2005)
- HRN ISO 22036:2011 en pr
Kvaliteta tla – Određivanje elemenata u tragovima u
ekstraktima tla pomoću atomske emisijske
spektrometrije induktivno spregnutom plazmom
(ICP-OES) (ISO 22036:2008)
Soil quality – Determination of trace elements in
extracts of soil by inductively coupled plasma-atomic
emission spectrometry (ICP-AES) (ISO 22036:2008)
- HRN ISO 22155:2011 en pr
Kvaliteta tla – Plinsko kromatografsko određivanje
hlapljivih aromatskih i halogeniranih ugljikovodika
i odabranih etera – Statička metoda ubrizgavanja
lahopljivih spojeva (headspace metoda)
(ISO 22155:2011)
Soil quality – Gas chromatographic determination of
volatile aromatic and halogenated hydrocarbons and
selected ethers – Static headspace method
(ISO 22155:2011)

HZN/TO 196, Prirodni kamen

- HRN EN 16140:2011 en pr
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osjetljivosti na promjene izgleda izazvane toplinskim
ciklusima (EN 16140:2011)
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sensitivity to changes in appearance produced by
thermal cycles (EN 16140:2011)

HZN/TO 211, Geoinformacije/Geomatika

- HRN EN ISO 6709:2011 en pr
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koordinatama (ISO 6709:2008+Cor 1:2009;
EN ISO 6709:2009)
Standard representation of geographic point location
by coordinates (ISO 6709:2008+Cor 1:2009;
EN ISO 6709:2009)
- HRN EN ISO 19115-2:2011 en pr
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podatke snimaka i podatke u mrežnim okvirima
(ISO 19115-2:2009; EN ISO 19115-2:2010)
Geographic information – Metadata – Part 2:
Extensions for imagery and gridded data
(ISO 19115-2:2009; EN ISO 19115-2:2010)
- HRN EN ISO 19126:2011 en pr
Geoinformacije – Rječnici i registri za koncepte
objekata (ISO 19126:2009; EN ISO 19126:2009)
Geographic information – Feature concept dictionaries
and registers (ISO 19126:2009; EN ISO 19126:2009)
- HRN EN ISO 19136:2011 en pr
Geoinformacije – Jezik za geoznačavanje (GML)
(ISO 19136:2007; EN ISO 19136:2009)
Geographic information – Geography Markup
Language (GML) (ISO 19136:2007;
EN ISO 19136:2009)
- HRN EN ISO 19141:2011 en pr
Geoinformacije – Shema za pokretne objekte
(ISO 19141:2008; EN ISO 19141:2009)
Geographic information – Schema for moving features
(ISO 19141:2008; EN ISO 19141:2009)

HRN EN ISO 19142:2011 en pr
Geoinformacije – Web usluga za objekte
(ISO 19142:2010; EN ISO 19142:2010)
Geographic information – Web Feature Service
(ISO 19142:2010; EN ISO 19142:2010)

HRN EN ISO 19146:2011 en pr
Geoinformacije – Međudomenski rječnici
(ISO 19146:2010; EN ISO 19146:2010)
Geographic information – Cross-domain vocabularies
(ISO 19146:2010; EN ISO 19146:2010)

HZN/TO 217, Kozmetika

HRN EN ISO 16212:2011 en pr
Kozmetika – Mikrobiologija – Brojenje kvasaca i
plijesni (ISO 16212:2008; EN ISO 16212:2011)
Cosmetics – Microbiology – Enumeration of yeast and
mould (ISO 16212:2008; EN ISO 16212:2011)

HRN EN ISO 18415:2011 en pr
Kozmetika – Mikrobiologija – Određivanje specificiranih
i nespecificiranih mikroorganizama (ISO 18415:2007;
EN ISO 18415:2011)
Cosmetics – Microbiology – Detection of specified
and non-specified microorganisms (ISO 18415:2007;
EN ISO 18415:2011)

HZN/TO 218, Drvo

HRN EN 13228:2011 en pr
Drvene podne obloge – Podni pokrovni elementi od
masivnog drva s blokovima sa sustavom učvršćenja
(EN 13228:2011)

Wood flooring – Solid wood overlay flooring elements
including blocks with an interlocking system
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HRN EN 13647:2011 en pr
Drvene podne obloge i drvene obloge za zidove i
stropove – Određivanje geometrijskih značajka
(EN 13647:2011)

Wood flooring and wood panelling and cladding –
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HZN/TO 502, Plinski uređaji

HRN EN 161:2011 en pr
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plinske plamenike i plinske uređaje (EN 161:2011)
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HZN/TO 504, Korozija i zaštita metala i legura

HRS CEN/TS 14038-2:2011 en pr
Elektrokemijska realkalizacija i postupci ekstrakcije
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(CEN/TS 14038-2:2011)
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treatments for reinforced concrete – Part 2: Chloride
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HZN/TO 513/PO 5, Mjerne jedinice i mjerila; Mjerne jedinice

HRN ISO 80000-9:2011 en pr
Veličine i jedinice – 9. dio: Fizikalna kemija i
molekularna fizika (ISO 80000-9:2009)
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HZN/TO 518, Podovi, stropovi i zidne obloge

HRN EN 12859:2011 en pr
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HZN/TO 522, Karakterizacija i zbrinjavanje otpada

HRI CEN/TR 13097:2011 en pr
Karakterizacija mulja – Dobra praksa za primjenu
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Characterization of sludges – Good practice for sludge
utilisation in agriculture (CEN/TR 13097:2010)

HRI CEN/TR 13714:2011 en pr
Karakterizacija mulja – Gospodarenje muljem u smislu
uporabe ili odlaganja (CEN/TR 13714:2010)
Characterisation of sludges – Sludge management in
relation to use or disposal (CEN/TR 13714:2010)

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

HRN EN 15812:2011 en pr
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premaži za hidroizolaciju – Određivanje sposobnosti
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Polymer modified bituminous thick coatings for
waterproofing – Determination of crack bridging ability
(EN 15812:2011)

HRN EN 15813:2011 en pr
Polimerom modificirani bitumenski debeloslojni
premaži za hidroizolaciju – Određivanje savitljivosti
pri niskim temperaturama (EN 15813:2011)
Polymer modified bituminous thick coatings for
waterproofing – Determination of flexibility at low
temperatures (EN 15813:2011)

HRN EN 15815:2011 en pr
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premaži za hidroizolaciju – Otpornost na stlačivanje
(EN 15815:2011)
Polymer modified bituminous thick coatings for
waterproofing – Resistance to compression
(EN 15815:2011)

HRN EN 15816:2011 en pr
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premaži za hidroizolaciju – Otpornost na kišu
(EN 15816:2011)
Polymer modified bituminous thick coatings for
waterproofing – Resistance to rain (EN 15816:2011)

HRN EN 15817:2011 en pr
Polimerom modificirani bitumenski debeloslojni
premaži za hidroizolaciju – Otpornost na vodu
(EN 15817:2011)
Polymer modified bituminous thick coatings for
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HRN EN 15818:2011 en pr
Polimerom modificirani bitumenski debeloslojni premaži
za hidroizolaciju – Određivanje stalnosti dimenzija na
visokim temperaturama (EN 15818:2011)
Polymer modified bituminous thick coatings for
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HRN EN 15819:2011 en pr
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Polymer modified bituminous thick coatings for
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HRN EN 15820:2011 en pr
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(EN 15820:2011)
Polymer modified bituminous thick coatings for
waterproofing – Determination of watertightness
(EN 15820:2011)

HRN EN 15976:2011 en pr
Savitljive hidroizolacijske trake – Određivanje
emisivnosti (EN 15976:2011)
Flexible sheets for waterproofing – Determination of
emissivity (EN 15976:2011)

HZN/TO 528, *Oprema za željeznice*

- HRN EN 15355:2011 en pr
Railway applications – Braking – Distributor valves and distributor-isolating devices (EN 15355:2008+A1:2010)
- HRN EN 15611:2011 en pr
Railway applications – Braking – Relay valves (EN 15611:2008+A1:2010)
- HRN EN 15612:2011 en pr
Railway applications – Braking – Brake pipe accelerator valve (EN 15612:2008+A1:2010)
- HRN EN 15624:2011 en pr
Railway applications – Braking – Empty-loaded changeover devices (EN 15624:2008+A1:2010)
- HRN EN 15625:2011 en pr
Railway applications – Braking – Automatic variable load sensing devices (EN 15625:2008+A1:2010)

HZN/TO 531, *Plastika i guma*

- HRN EN ISO 294-4:2004/Ispr.1:2011 en pr
Plastika – Injekcijsko prešani ispitnici plastomernih materijala – 4. dio: Određivanje skupljanja pri prešanju – Tehnički ispravak 1 (ISO 294-4:2001/Cor 1:2007; EN ISO 294-4:2003/AC:2011)
Plastics – Injection moulding of test specimens of thermoplastic materials – Part 4: Determination of moulding shrinkage – Technical Corrigendum 1 (ISO 294-4:2001/Cor 1:2007; EN ISO 294-4:2003/AC:2011)
- HRN EN ISO 4641:2011 en pr
Gumena crijeva i crijevni sklopovi za usisavanje i ispuštanje vode – Specifikacija (ISO 4641:2010; EN ISO 4641:2011)
Rubber hoses and hose assemblies for water suction and discharge – Specification (ISO 4641:2010; EN ISO 4641:2011)
- HRN EN ISO 6721-1:2011 en pr
Plastika – Određivanje dinamičkih mehaničkih svojstava – 1. dio: Opća načela (ISO 6721-1:2011; EN ISO 6721-1:2011)
Plastics – Determination of dynamic mechanical properties – Part 1: General principles (ISO 6721-1:2011; EN ISO 6721-1:2011)
- HRN EN ISO 7751:2008/A1:2011 en pr
Gumena i plastična crijeva i crijevni sklopovi – Omjeri ispitnih tlakova i tlakova do prsnuća za određivanje maksimalnog radnog tlaka – Amandman 1 – Zamjena izraza „projektirani radni tlak“ u „maksimalni radni tlak“ u tekstu (ISO 7751:1991/Amd 1:2011; EN ISO 7751:1997/A1:2011)
Rubber and plastics hoses and hose assemblies – Ratios of proof and burst pressure to maximum working pressure – Amendment 1 – Replacement of “design working pressure” by “maximum working pressure” throughout text (ISO 7751:1991/Amd 1:2011; EN ISO 7751:1997/A1:2011)
- HRN EN ISO 10350-2:2011 en pr
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- HRN EN ISO 15015:2011 en pr
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Plastics – Extruded sheets of impact-modified acrylonitrile-styrene copolymers (ABS, AEPDS and ASA) – Requirements and test methods (ISO 15015:2011; EN ISO 15015:2011)

HZN/TO 533/PO 1, *Kolničke konstrukcije; Cestograđevni materijali*

- HRS CEN/TS 15901-11:2011 en pr
Površinska svojstva cesta i aerodromskih operativnih površina – 11. dio: Postupak za određivanje otpornosti na klizanje površine kolnika uporabom uređaja s uzdužno blokiranim kotačem (LFCSR): SRM (CEN/TS 15901-11:2011)
Road and airfield surface characteristics – Part 11: Procedure for determining the skid resistance of a pavement surface using a device with longitudinal block measurement (LFCSR): the SRM (CEN/TS 15901-11:2011)
- HRS CEN/TS 15901-12:2011 en pr
Površinska svojstva cesta i aerodromskih operativnih površina – 12. dio: Postupak za određivanje otpornosti na klizanje površine kolnika mjerenjem koeficijenta s uzdužno kontroliranim klizanjem: BV 11 i Saab friction tester (SFT) (CEN/TS 15901-12:2011)
Road and airfield surface characteristics – Part 12: Procedure for determining the skid resistance of a pavement surface using a device with longitudinal controlled slip: the BV 11 and Saab friction tester (SFT) (CEN/TS 15901-12:2011)
- HRS CEN/TS 15901-13:2011 en pr
Površinska svojstva cesta i aerodromskih operativnih površina – 13. dio: Postupak za određivanje otpornosti na klizanje površine kolnika mjerenjem koeficijenta bočnog trenja (SFCO): Odoliograph (CEN/TS 15901-13:2011)
Road and airfield surface characteristics – Part 13: Procedure for determining the skid resistance of a pavement surface by measurement of a sideway force coefficient (SFCO): the Odoliograph (CEN/TS 15901-13:2011)

HZN/TO 535, *Agregati*

- HRN EN 1097-1:2011 en pr
Ispitivanja mehaničkih i fizikalnih svojstava agregata – 1. dio: Određivanje otpornosti na habanje (micro-Deval) (EN 1097-1:2011)
Tests for mechanical and physical properties of aggregates – Part 1: Determination of the resistance to wear (micro-Deval) (EN 1097-1:2011)
- HRN EN 1097-2:2011 en pr
Ispitivanja mehaničkih i fizikalnih svojstava agregata – 2. dio: Metode za određivanje otpornosti na drobljenje (EN 1097-2:2010)
Tests for mechanical and physical properties of aggregates – Part 2: Methods for the determination of resistance to fragmentation (EN 1097-2:2010)
- HRN EN 1367-5:2011 en pr
Ispitivanja toplinskog i vremenskog utjecaja na svojstva agregata – 5. dio: Određivanje otpornosti na toplinski šok (EN 1367-5:2011)
Tests for thermal and weathering properties of aggregates – Part 5: Determination of resistance to thermal shock (EN 1367-5:2011)

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

- HRN EN 410:2011 en pr
Staklo u graditeljstvu – Određivanje svjetlosnih i sunčanih značajka ostakljenja (EN 410:2011)
Glass in building – Determination of luminous and solar characteristics of glazing (EN 410:2011)
- HRN EN 673:2011 en pr
Staklo u graditeljstvu – Određivanje koeficijenta prolaska topline (U vrijednost) – Proračunska metoda (EN 673:2011)
Glass in building – Determination of thermal transmittance (U value) – Calculation method (EN 673:2011)

- HRN EN 12758:2011 en pr
Staklo u graditeljstvu – Ostakljenje i izolacija od zvuka prenošenog zrakom – Opisi proizvoda i određivanje svojstava (EN 12758:2011)
Glass in building – Glazing and airborne sound insulation – Product descriptions and determination of properties (EN 12758:2011)
- HRN EN 13241-1:2011 en pr
Industrijska, komercijalna, garažna i ostala ulazna vrata – Norma za proizvod – 1. dio: Proizvodi bez otpornosti na vatru ili svojstva kontrole dima (EN 13241-1:2003+A1:2011)
Industrial, commercial and garage doors and gates – Product standard – Part 1: Products without fire resistance or smoke control characteristics (EN 13241-1:2003+A1:2011)
- HRN EN 15998:2011 en pr
Staklo u graditeljstvu – Sigurnost u slučaju požara – Vatrootpornost – Metodologija ispitivanja stakla u svrhu razredbe (EN 15998:2010)
Glass in building – Safety in case of fire – Fire resistance – Glass testing methodology for the purpose of classification (EN 15998:2010)

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

- HRN EN ISO 8015:2011 en pr
Geometrijske specifikacije proizvoda (GSP) – Osnove – Pojmovi, načela i pravila (ISO 8015:2011; EN ISO 8015:2011)
Geometrical product specifications (GPS) – Fundamentals – Concepts, principles and rules (ISO 8015:2011; EN ISO 8015:2011)
- HRN EN ISO 25378:2011 en pr
Geometrijske specifikacije proizvoda (GSP) – Karakteristike i uvjeti – Definicije (ISO 25378:2011; EN ISO 25378:2011)
Geometrical product specifications (GPS) – Characteristics and conditions – Definitions (ISO 25378:2011; EN ISO 25378:2011)

HZN/TO 548, Konstrukcijski eurokodovi

- HRN EN 1990:2011 hr pp
Eurokod: Osnove projektiranja konstrukcija (EN 1990:2002+A1:2005+A1:2005/AC:2010)
Eurocode: Basis of structural design (EN 1990:2002+A1:2005+A1:2005/AC:2010)
- HRN EN 1990:2011/NA:2011 hr izv
Eurokod: Osnove projektiranja konstrukcija – Nacionalni dodatak
Eurocode: Basis of structural design – National Annex
- HRN EN 1991-1-4:2008/A1:2011 en pr
Eurokod 1: Djelovanja na konstrukcije – Dio 1-4: Opća djelovanja – Djelovanja vjetra (EN 1991-1-4:2005/A1:2010)
Eurocode 1: Actions on structures – Part 1-4: General actions – Wind actions (EN 1991-1-4:2005/A1:2010)
- HRN EN 1999-1-1:2008/A1:2011 en pr
Eurokod 9: Projektiranje aluminijskih konstrukcija – Dio 1-1: Opća pravila (EN 1999-1-1:2007/A1:2009)
Eurocode 9: Design of aluminium structures – Part 1-1: General structural rules (EN 1999-1-1:2007/A1:2009)

HZN/TO 550, Opskrba vodom

- HRN EN 1278:2011 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Ozon (EN 1278:2010)
Chemicals used for treatment of water intended for human consumption – Ozone (EN 1278:2010)

- HRN EN 12485:2011 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Kalcijev karbonat, vapno s visokim udjelom kalcija, polužareni dolomit, magnezij oksid i kalcijev magnezijev karbonat – Metode ispitivanja (EN 12485:2010)
Chemicals used for treatment of water intended for human consumption – Calcium carbonate, high-calcium lime, half-burnt dolomite, magnesium oxide and calcium magnesium carbonate – Test methods (EN 12485:2010)
- HRN EN 13177:2011 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Metanol (EN 13177:2010)
Chemicals used for treatment of water intended for human consumption – Methanol (EN 13177:2010)
- HRN EN 15664-2:2011 en pr
Utjecaj metalnih materijala na vodu namjenu ljudskoj uporabi – Mjerne linije za dinamičko ispitivanje procjene otpuštanja materijala – 2. dio: Ispitne vode
Influence of metallic materials on water intended for human consumption – Dynamic rig test for assessment of metal release – Part 2: Test waters (EN 15664-2:2010)

HZN/TO 553, Predgotovljeni proizvodi

- HRN EN 14055:2011 en pr
Spremnici za ispiranje WC-a i pisoara (EN 14055:2010)
WC and urinal flushing cisterns (EN 14055:2010)
- HRN EN 15636:2011 en pr
Sanitarni uređaji – Tuš kade izrađene od udarom oblikovanih ekstrudiranih akrilnih ploča – Zahtjevi i metode ispitivanja (EN 15636:2010)
Sanitary appliances – Shower trays made from impact modified extruded acrylic sheets – Requirements and test methods (EN 15636:2010)

HZN/TO 555, Medicinski proizvodi

- HRN EN ISO 13408-1:2011 en pr
Aseptički postupci za proizvode zdravstvene zaštite – 1. dio: Temeljni zahtjevi (ISO 13408-1:2008; EN ISO 13408-1:2011)
Aseptic processing of health care products – Part 1: General requirements (ISO 13408-1:2008; EN ISO 13408-1:2011)
- HRN EN ISO 13408-2:2011 en pr
Aseptički postupci za proizvode zdravstvene zaštite – 2. dio: Filtracija (ISO 13408-2:2003; EN ISO 13408-2:2011)
Aseptic processing of health care products – Part 2: Filtration (ISO 13408-2:2003; EN ISO 13408-2:2011)
- HRN EN ISO 13408-3:2011 en pr
Aseptički postupci za proizvode zdravstvene zaštite – 3. dio: Liofilizacija (ISO 13408-3:2006; EN ISO 13408-3:2011)
Aseptic processing of health care products – Part 3: Lyophilization (ISO 13408-3:2006; EN ISO 13408-3:2011)
- HRN EN ISO 13408-4:2011 en pr
Aseptički postupci za proizvode zdravstvene zaštite – 4. dio: Tehnologije čišćenja na mjestu (ISO 13408-4:2005; EN ISO 13408-4:2011)
Aseptic processing of health care products – Part 4: Clean-in-place technologies (ISO 13408-4:2005; EN ISO 13408-4:2011)
- HRN EN ISO 13408-5:2011 en pr
Aseptički postupci za proizvode zdravstvene zaštite – 5. dio: Sterilizacija na mjestu (ISO 13408-5:2006; EN ISO 13408-5:2011)
Aseptic processing of health care products – Part 5: Sterilization in place (ISO 13408-5:2006; EN ISO 13408-5:2011)

HRN EN ISO 13408-6:2011 en pr
Aseptički postupci za proizvode zdravstvene zaštite – 6. dio: Sustavi izolacije (ISO 13408-6:2005; EN ISO 13408-6:2011)
Aseptic processing of health care products – Part 6: Isolator systems (ISO 13408-6:2005; EN ISO 13408-6:2011)

HRN EN ISO 14160:2011 en pr
Sterilizacija medicinskih proizvoda – Tekuća kemijska sredstva za sterilizaciju jednokratnih medicinskih proizvoda u kojima se upotrebljavaju životinjska tkiva i njihovi derivati – Zahtjevi za značajke, razvoj, vrednovanje i rutinsku kontrolu sterilizacijskih postupaka medicinskih sredstava (ISO 14160:2011; EN ISO 14160:2011)
Sterilization of health care products – Liquid chemical sterilizing agents for single-use medical devices utilizing animal tissues and their derivatives – Requirements for characterization, development, validation and routine control of a sterilization process for medical devices (ISO 14160:2011; EN ISO 14160:2011)

HRN EN ISO 25424:2011 en pr
Sterilizacija medicinskih uređaja – Niskotemperaturna para i formaldehid – Zahtjevi za razvoj, vrednovanje i rutinsku kontrolu sterilizacijskog postupka za medicinske uređaje (ISO 25424:2009; EN ISO 25424:2011)
Sterilization of medical devices – Low temperature steam and formaldehyde – Requirements for development, validation and routine control of a sterilization process for medical devices (ISO 25424:2009; EN ISO 25424:2011)

HZN/TO 556, Osobna zaštitna oprema

HRN EN 341:2011 en pr
Osobna zaštitna oprema protiv pada s visine – Naprave za spuštanje u svrhu spašavanja (EN 341:2011)
Personal fall protection equipment – Descender devices for rescue (EN 341:2011)

HRN EN 1868:2011 hr,en,fr,de pp
Osobna zaštitna oprema protiv pada s visine – Popis istovrijednih naziva (EN 1868:1997)
Personal protective equipment against falls from a height – List of equivalent terms (EN 1868:1997)

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 3759:2011 en pr
Tekstil – Priprema, označavanje i mjerenje uzoraka tkanina i odjevnih predmeta pri ispitivanju promjena dimenzija (ISO 3759:2011; EN ISO 3759:2011)
Textiles – Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change (ISO 3759:2011; EN ISO 3759:2011)

HZN/TO E9, Električna oprema za željeznicu

HRN EN 50119:2011 en pr
Željezničke primjene – Stabilna postrojenja – Nadzemni kontaktni vodovi u električnoj vuči (EN 50119:2009)
Railway applications – Fixed installations – Electric traction overhead contact lines (EN 50119:2009)

HRN EN 50122-2:2011 en pr
Željezničke primjene – Stabilna postrojenja – Električna sigurnost, uzemljivanje i povratni krug – 2. dio: Mjere protiv učinaka lutajućih struja od istosmjernih sustava vuče (EN 50122-2:2010)
Railway applications – Fixed installations – Electrical safety, earthing and the return circuit – Part 2: Provisions against the effects of stray currents caused by d.c. traction systems (EN 50122-2:2010)

HRN EN 50122-3:2011 en pr
Željezničke primjene – Stabilna postrojenja – Električna sigurnost, uzemljivanje i povratni krug – 3. dio: Međusobno djelovanje izmjeničnih i istosmjernih sustava vuče (EN 50122-3:2010)
Railway applications – Fixed installations – Electrical safety, earthing and the return circuit – Part 3: Mutual Interaction of a.c. and d.c. traction systems (EN 50122-3:2010)

HRN EN 50159:2011 en pr
Željezničke primjene – Komunikacijska i signalna tehnika i sustavi obrade podataka – Sigurnosna komunikacija u prijenosnim sustavima (EN 50159:2010)
Railway applications – Communication, signalling and processing systems – Safety-related communication in transmission systems (EN 50159:2010)

HRN EN 50206-1:2011 en pr
Željezničke primjene – Željeznička vozila – Pantografi: Karakteristike i ispitivanja – 1. dio: Pantografi za vozila za otvorenu prugu (EN 50206-1:2010)
Railway applications – Rolling stock – Pantographs: Characteristics and tests – Part 1: Pantographs for main line vehicles (EN 50206-1:2010)

HRN EN 50206-2:2011 en pr
Željezničke primjene – Željeznička vozila – Pantografi: Karakteristike i ispitivanja – 2. dio: Pantografi za podzemne željeznice i lagana željeznička vozila (EN 50206-2:2010)
Railway applications – Rolling stock – Pantographs: Characteristics and tests – Part 2: Pantographs for metros and light rail vehicles (EN 50206-2:2010)

HRN EN 50215:2011 en pr
Željezničke primjene – Željeznička vozila – Ispitivanje željezničkih vozila nakon završetka izrade i prije stavljanja u promet (EN 50215:2009)
Railway applications – Rolling stock – Testing of rolling stock on completion of construction and before entry into service (EN 50215:2009)

HRN EN 50329:2007/A1:2011 en pr
Željezničke primjene – Stabilna postrojenja – Vučni transformatori (EN 50329:2003/A1:2010)
Railway applications – Fixed installations – Traction transformers (EN 50329:2003/A1:2010)

HRN EN 50345:2011 en pr
Željezničke primjene – Stabilna postrojenja – Električna vuča – Sklop izolacijskoga sintetičkoga užeta za potporu nadzemnoga kontaktnog voda (EN 50345:2009)
Railway applications – Fixed installations – Electric traction – Insulating synthetic rope assemblies for support of overhead contact lines (EN 50345:2009)

HRN EN 50463:2011 en pr
Željezničke primjene – Mjerenje energije na vozilima (EN 50463:2007)
Railway applications – Energy measurement on board trains (EN 50463:2007)

HRN EN 60349-1:2011 en pr
Električna vuča – Električni rotacijski strojevi za tračnička i cestovna vozila – 1. dio: Strojevi osim izmjeničnih motora napajanih iz elektroničkih pretvarača (IEC 60349-1:2010; EN 60349-1:2010)
Electric traction – Rotating electrical machines for rail and road vehicles – Part 1: Machines other than electronic converter-fed alternating current motors (IEC 60349-1:2010; EN 60349-1:2010)

- HRN EN 60349-2:2011 en pr
Električna vuča – Električni rotacijski strojevi za željeznička i cestovna vozila – 2. dio: Izmjenični motori napajani iz elektroničkih pretvarača (IEC 60349-2:2010; EN 60349-2:2010)
Electric traction – Rotating electrical machines for rail and road vehicles – Part 2: Electronic converter-fed alternating current motors (IEC 60349-2:2010; EN 60349-2:2010)
- HRN EN 61373:2011 en pr
Željezničke primjene – Oprema za željeznička vozila – Ispitivanja na udare i vibracije (IEC 61373:2010; EN 61373:2010)
Railway applications – Rolling stock equipment – Shock and vibration tests (IEC 61373:2010; EN 61373:2010)
- HRN EN 61881-1:2011 en pr
Željezničke primjene – Oprema za željeznička vozila – Kondenzatori za energetsku elektroniku – 1. dio: Kondenzatori s papirnatim ili plastičnim filmom (IEC 61881-1:2010; EN 61881-1:2011)
Railway applications – Rolling stock equipment – Capacitors for power electronics – Part 1: Paper/plastic film capacitors (IEC 61881-1:2010; EN 61881-1:2011)
- HRN EN 62267:2011 en pr
Željezničke primjene – Automatski vođeni gradski promet (AUGT) – Sigurnosni zahtjevi (IEC 62267:2009; EN 62267:2009)
Railway applications – Automated urban guided transport (AUGT) – Safety requirements (IEC 62267:2009; EN 62267:2009)

HZN/TO E17, Sklopni i upravljački uređaji

- HRN EN 60947-2:2008/A1:2011 en pr
Niskonaponska sklopna aparatura – 2. dio: Prekidači (IEC 60947-2:2006/am1:2009; EN 60947-2:2006/A1:2009)
Low-voltage switchgear and controlgear – Part 2: Circuit-breakers (IEC 60947-2:2006/am1:2009; EN 60947-2:2006/A1:2009)

HZN/TO E23, Električni instalacijski pribor

- HRN HD 639 S1:2007/A2:2011 en pr
Elektroinstalacijski pribor – Prenosive strujne zaštitne sklopke, bez združene nadstrujne zaštite za kućanstvo i sličnu uporabu (HD 639 S1:2002/A2:2010)
Electrical accessories – Portable residual current devices without integral overcurrent protection for household and similar use (HD 639 S1:2002/A2:2010)
- HRN EN 50085-2-3:2011 en pr
Sustavi za nošenje i vođenje kabela za električne instalacije – Dio 2-3: Posebni zahtjevi za češljaste sustave za nošenje kabela, namijenjene za instaliranje u razvodne ormariće (EN 50085-2-3:2010)
Cable trunking systems and cable ducting systems for electrical installations – Part 2-3: Particular requirements for slotted cable trunking systems intended for installation in cabinet (EN 50085-2-3:2010)
- HRN EN 60669-2-1:2007/A12:2011 en pr
Sklopke za kućanstvo i slične fiksne električne instalacije – Dio 2-1: Posebni zahtjevi – Električne sklopke (EN 60669-2-1:2004/A12:2010)
Switches for household and similar fixed electrical installations – Part 2-1: Particular requirements – Electronic switches (EN 60669-2-1:2004/A12:2010)
- HRN IEC 60884-2-7:2011 en pr
Utikači i utičnice za kućanstvo i slične svrhe – Dio 2-7: Posebni zahtjevi za produžne setove priključnih gipkih vodova (IEC 60884-2-7:2011)

Plugs and socket-outlets for household and similar purposes – Part 2-7: Particular requirements for cord extension sets (IEC 60884-2-7:2011)

- HRN EN 61009-1:2007/A11:2011 en pr
Strujne zaštitne sklopke sa združenom nadstrujnom zaštitom za kućanstvo i slične upotrebe (RCBO-i) – 1. dio: Opća pravila (EN 61009-1:2004/A11:2008)
Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBO's) – Part 1: General rules (EN 61009-1:2004/A11:2008)
- HRN EN 61058-2-1:2011 en pr
Sklopke za aparate – Dio 2-1: Posebni zahtjevi za sklopke na priključnim gipkim vodovima (IEC 61058-2-1:2010; EN 61058-2-1:2011)
Switches for appliances – Part 2-1: Particular requirements for cord switches (IEC 61058-2-1:2010; EN 61058-2-1:2011)
- HRN EN 61058-2-5:2011 en pr
Sklopke za aparate – Dio 2-5: Posebni zahtjevi za preklopke (IEC 61058-2-5:2010; EN 61058-2-5:2011)
Switches for appliances – Part 2-5: Particular requirements for change-over selectors (IEC 61058-2-5:2010; EN 61058-2-5:2011)
- HRN EN 61210:2011 en pr
Priključne naprave – Plosnati brzi priključci za električne bakrene vodiče – Sigurnosni zahtjevi (IEC 61210:2010, MOD; EN 61210:2010)
Connecting devices – Flat quick-connect terminations for electrical copper conductors – Safety requirements (IEC 61210:2010, MOD; EN 61210:2010)
- HRN EN 61386-21:2007/A11:2011 en pr
Sustavi cijevi za vođenje kabela – 21. dio: Posebni zahtjevi – Sustavi krutih cijevi (EN 61386-21:2004/A11:2010)
Conduit systems for cable management – Part 21: Particular requirements – Rigid conduit systems (EN 61386-21:2004/A11:2010)
- HRN EN 61386-22:2007/A11:2011 en pr
Sustavi cijevi za vođenje kabela – 22. dio: Posebni zahtjevi – Sustavi savitljivih cijevi (EN 61386-22:2004/A11:2010)
Conduit systems for cable management – Part 22: Particular requirements – Pliable conduit systems (EN 61386-22:2004/A11:2010)
- HRN EN 61386-23:2007/A11:2011 en pr
Sustavi cijevi za vođenje kabela – 23. dio: Posebni zahtjevi – Sustavi gipkih cijevi (EN 61386-23:2004/A11:2010)
Conduit systems for cable management – Part 23: Particular requirements – Flexible conduit systems (EN 61386-23:2004/A11:2010)
- HRN EN 61386-24:2011 en pr
Sustavi cijevi za vođenje kabela – 24. dio: Posebni zahtjevi – Sustavi cijevi za podzemno polaganje (IEC 61386-24:2004; EN 61386-24:2010)
Conduit systems for cable management – Part 24: Particular requirements – Conduit systems buried underground (IEC 61386-24:2004; EN 61386-24:2010)

HZN/TO E31, Eksplozivne atmosfere

- HRN EN 60079-13:2011 en pr
Eksplozivne atmosfere – 13. dio: Vrsta zaštite opreme prostorije pod nadtlakom „p“ (IEC 60079-13:2010; EN 60079-13:2010)
Explosive atmospheres – Part 13: Equipment protection by pressurized room “p” (IEC 60079-13:2010; EN 60079-13:2010)

HRN EN 60079-19:2011 en pr
Eksplozivne atmosfere – 19. dio: Popravak, obnova i pregradnja opreme (IEC 60079-19:2010; EN 60079-19:2011)
Explosive atmospheres – Part 19: Equipment repair, overhaul and reclamation (IEC 60079-19:2010; EN 60079-19:2011)

HZNTO E57, Upravljanje energetskim sustavom i pridružene komunikacije

HRN EN 60870-5-6:2011 en pr
Oprema i sustavi za daljinsko upravljanje – Dio 5-6: Smjernice za ispitivanje sukladnosti za pridruženu normu EN 60870-5 (IEC 60870-5-6:2006; EN 60870-5-6:2009)
Telecontrol equipment and systems – Part 5-6: Guidelines for conformance testing for the EN 60870-5 companion standards (IEC 60870-5-6:2006; EN 60870-5-6:2009)

HRN EN 61850-6:2011 en pr
Komunikacijske mreže i sustavi za automatizaciju u elektroprivredi – 6. dio: Konfiguracija opisnog jezika za komunikaciju u transformatorskim stanicama s obzirom na IED-ove (IEC 61850-6:2009; EN 61850-6:2010)
Communication networks and systems for power utility automation – Part 6: Configuration description language for communication in electrical substations related to IEDs (IEC 61850-6:2009; EN 61850-6:2010)

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

HRN EN 61850-7-3:2011 en pr
Komunikacijske mreže i sustavi za automatizaciju u elektroprivredi – Dio 7-3: Osnovna komunikacijska struktura – Zajedničke klase podataka (IEC 61850-7-3:2010; EN 61850-7-3:2011)
Communication networks and systems for power utility automation – Part 7-3: Basic communication structure – Common data classes (IEC 61850-7-3:2010; EN 61850-7-3:2011)

HRN EN 61850-7-4:2011 en pr
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HRN EN 61850-7-420:2011 en pr
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HRN EN 61968-9:2011 en pr
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HRN EN 61968-11:2011 en pr
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HRN EN 61968-13:2011 en pr
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HRN EN 61970-402:2011 en pr
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HRN EN 61970-403:2011 en pr
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HRN EN 61970-453:2011 en pr
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HRN EN 60335-1:2005/A14:2011 en pr
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Household and similar electrical appliances – Safety – Part 1: General requirements (EN 60335-1:2002/A14:2010)

HRN EN 60335-2-102:2008/A1:2011 en pr
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- Household and similar electrical appliances – Safety – Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections (IEC 60335-2-102:2004/am1:2008, MOD; EN 60335-2-102:2006/A1:2010)
- HRN EN 60335-2-103:2008/A11:2011 en pr
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- HRN EN 60335-2-105:2008/A11:2011 en pr
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- HRN EN 60335-2-109:2011 en pr
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- HRN EN 60335-2-11:2011 en pr
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- HRN EN 60335-2-13:2011 en pr
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- HRN EN 60335-2-17:2006/A2:2011 en pr
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- HRN EN 60335-2-21:2006/A2:2011 en pr
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- HRN EN 60335-2-2:2005/A11:2011 en pr
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- HRN EN 60335-2-2:2011 en pr
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- HRN EN 60335-2-23:2005/A11:2011 en pr
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- HRN EN 60335-2-24:2006/A12:2011 en pr
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- HRN EN 60335-2-24:2011 en pr
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- HRN EN 60335-2-25:2005/A11:2011 en pr
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- HRN EN 60335-2-27:2011 en pr
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- HRN EN 60335-2-29:2008/A2:2011 en pr
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- HRN EN 60335-2-30:2011 en pr
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- HRN EN 60335-2-31:2005/A2:2011 en pr
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am2:2008; EN 60335-2-31:2003/A2:2009)
- HRN EN 60335-2-3:2005/A11:2011 en pr
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Household and similar electrical appliances – Safety
– Part 2-3: Particular requirements for electric irons
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- HRN EN 60335-2-34:2006/A2:2011 en pr
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EN 60335-2-34:2002/A2:2009)
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– Part 2-34: Particular requirements for motor-
compressors (IEC 60335-2-34:2002/am2:2008;
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- HRN EN 60335-2-40:2006/A2:2011 en pr
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- HRN EN 60335-2-41:2005/A2:2011 en pr
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– Part 2-41: Particular requirements for pumps
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- HRN EN 60335-2-4:2011 en pr
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- HRN EN 60335-2-5:2005/A11:2011 en pr
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– Part 2-52: Particular requirements for oral hygiene
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- HRN EN 60335-2-58:2008/A11:2011 en pr
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(EN 60335-2-58:2005/A11:2010)
- HRN EN 60335-2-59:2008/A2:2011 en pr
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Household and similar electrical appliances – Safety –
Part 2-60: Particular requirements for whirlpool baths
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- HRN EN 60335-2-6:2006/A11:2011 en pr
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- HRN EN 60335-2-67:2011 en pr
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– Dio 2-68: Posebni zahtjevi za industrijske i
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Household and similar electrical appliances – Safety –
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- HRN EN 60335-2-69:2011 en pr
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rotirajućom četkom, za industrijsku i komercijalnu
uporabu (IEC 60335-2-69:2002, MOD+am1:2004,
MOD+am2:2007, MOD; EN 60335-2-69:2009)
Household and similar electrical appliances – Safety
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dry vacuum cleaners, including power brush, for
industrial and commercial use (IEC 60335-2-69:2002,
MOD+am1:2004, MOD+am2:2007, MOD;
EN 60335-2-69:2009)

- HRN EN 60335-2-7:2006/A11:2011 en pr
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 Household and similar electrical appliances – Safety –
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- HRN EN 60335-2-72:2011 en pr
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 Household and similar electrical appliances – Safety
 – Part 2-72: Particular requirements for automatic
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 industrial use (IEC 60335-2-72:2002, MOD+am1:2005,
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 Household and similar electrical appliances –
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 Household and similar electrical appliances – Safety
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- HRN EN 60335-2-75:2008/A12:2011 en pr
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 aparate i prodajne automate
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 – Part 2-75: Particular requirements for commercial
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- HRN EN 60335-2-76:2008/A12:2011 en pr
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 – Part 2-76: Particular requirements for electric fence
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- HRN EN 60335-2-79:2011 en pr
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- HRN EN 60335-2-80:2008/A2:2011 en pr
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- HRN EN 60335-2-89:2011 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;
 EN 60335-2-89:2010)
 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; EN 60335-2-89:2010)
- HRN EN 60335-2-90:2009/A1:2011 en pr
 Kućanski i slični električni aparati – Sigurnost –
 Dio 2-90: Posebni zahtjevi za komercijalne mikrovalne
 pećnice (IEC 60335-2-90:2006/am1:2010;
 EN 60335-2-90:2006/A1:2010)
 Household and similar electrical appliances – Safety
 – Part 2-90: Particular requirements for commercial
 microwave ovens (IEC 60335-2-90:2006/am1:2010;
 EN 60335-2-90:2006/A1:2010)
- HRN EN 60335-2-9:2006/A13:2011 en pr
 Kućanski i slični električni aparati – Sigurnost –
 Dio 2-9: Posebni zahtjevi za roštilje, pržila kruha i slične
 pomične aparate za kuhanje
 (EN 60335-2-9:2003/A13:2010)
 Household and similar electrical appliances – Safety
 – Part 2-9: Particular requirements for grills, toasters
 and similar portable cooking appliances
 (EN 60335-2-9:2003/A13:2010)
- HRN EN 60335-2-96:2008/A2:2011 en pr
 Kućanski i slični električni aparati – Sigurnost –
 Dio 2-96: Posebni zahtjevi za gibljive pločaste
 elemente za sobno grijanje (IEC 60335-2-96:2002/
 am2:2008; EN 60335-2-96:2002/A2:2009)
 Household and similar electrical appliances – Safety
 – Part 2-96: Particular requirements for flexible sheet
 heating elements for room heating
 (IEC 60335-2-96:2002/am2:2008;
 EN 60335-2-96:2002/A2:2009)
- HRN EN 60335-2-97:2009/A11:2011 en pr
 Kućanski i slični električni aparati – Sigurnost –
 Dio 2-97: Posebni zahtjevi za pogone rebrenica,
 platnenih zaslona, zaštitnih zavjesa i sličnih naprava
 (EN 60335-2-97:2006/A11:2008)
 Household and similar electrical appliances – Safety –
 Part 2-97: Particular requirements for drives for rolling
 shutters, awnings, blinds and similar equipment
 (EN 60335-2-97:2006/A11:2008)
- HRN EN 60335-2-97:2009/A2:2011 en pr
 Kućanski i slični električni aparati – Sigurnost –
 Dio 2-97: Posebni zahtjevi za pogone rebrenica,
 platnenih zaslona, zaštitnih zavjesa i sličnih naprava
 (IEC 60335-2-97:2002/am2:2008;
 EN 60335-2-97:2006/A2:2010)
 Household and similar electrical appliances – Safety –
 Part 2-97: Particular requirements for drives for rolling
 shutters, awnings, blinds and similar equipment
 (IEC 60335-2-97:2002/am2:2008;
 EN 60335-2-97:2006/A2:2010)
- HRN EN 61770:2011 en pr
 Električni aparati spojeni na vodovod – Izbjegavanje
 povratnog usisa i otkazivanja cijevnoga priključka
 (IEC 61770:2008; EN 61770:2009)
 Electric appliances connected to the water mains –
 Avoidance of backsiphonage and failure of hose-sets
 (IEC 61770:2008; EN 61770:2009)

HZNTO E108, Sigurnost elektroničke opreme u području audio, video, informacijske i komunikacijske tehnologije

- HRN EN 60065:2005/A2:2011 en pr
Audio, video i slični elektronički uređaji – Sigurnosni zahtjevi (IEC 60065:2001/am2:2010, MOD; EN 60065:2002/A2:2010)
Audio, video and similar electronic apparatus – Safety requirements (IEC 60065:2001/am2:2010, MOD; EN 60065:2002/A2:2010)
- HRS IEC/TS 62441:2011 en pr
Zaštitne naprave protiv zapaljenja audio, video i komunikacijske opreme te opreme informacijske tehnologije slučajno izazvanog plamenom svijeće (IEC/TS 62441:2011)
Safeguards against accidentally caused candle flame ignition for audio/video, communication and information technology equipment (IEC/TS 62441:2011)

HZNTO Z2, Ocjenjivanje sukladnosti i akreditacija

- HRN EN ISO/IEC 17021:2011 en pr
Ocjenjivanje sukladnosti – Zahtjevi za tijela koja provode audit i certifikaciju sustava upravljanja (ISO/IEC 17021:2011; EN ISO/IEC 17021:2011)
Conformity assessment – Requirements for bodies providing audit and certification of management systems (ISO/IEC 17021:2011; EN ISO/IEC 17021:2011)

HZNTU A1, Usluge, proizvodi za kućanstvo i slobodno vrijeme 1

- HRN EN 957-4:2011 en pr
Oprema za vježbanje – 4. dio: Klupe za jačanje (benč), dodatni posebni sigurnosni zahtjevi i metode ispitivanja (EN 957-4:2006+A1:2010)
Stationary training equipment – Part 4: Strength training benches, additional specific safety requirements and test methods (EN 957-4:2006+A1:2010)
- HRN EN 1069-1:2011 en pr
Vodeni tobogani – 1. dio: Sigurnosni zahtjevi i metode ispitivanja (EN 1069-1:2010)
Water slides – Part 1: Safety requirements and test methods (EN 1069-1:2010)
- HRN EN 1069-2:2011 en pr
Vodeni tobogani – 2. dio: Upute (EN 1069-2:2010)
Water slides – Part 2: Instructions (EN 1069-2:2010)
- HRN EN 14975:2011 en pr
Loft ladders – Requirements, marking and testing (EN 14975:2006+A1:2010)
- HRN EN 15312:2011 en pr
Free access multi-sports equipment – Requirements, including safety and test methods (EN 15312:2007+A1:2010)
- HRN EN 15907:2011 en pr
Film identification – Enhancing interoperability of metadata – Element sets and structures (EN 15907:2010)
- HRN EN 15927:2011 en pr
Services offered by hearing aid professionals (EN 15927:2010)

HZNTU I2, Strojstvo 2

- HRN EN 710:2011 en pr
Safety requirements for foundry moulding and coremaking machinery and plant associated equipment (EN 710:1997+A1:2010)
- HRN EN 746-2:2011 en pr
Industrial thermoprocessing equipment – Part 2: Safety requirements for combustion and fuel handling systems (EN 746-2:2010)

- HRN EN 12975-1:2011 en pr
Thermal solar systems and components – Solar collectors – Part 1: General requirements (EN 12975-1:2006+A1:2010)
- HRN EN 13020:2011 en pr
Road surface treatment machines – Safety requirements (EN 13020:2004+A1:2010)
- HRN EN 13035-11:2011 en pr
Machines and plants for the manufacture, treatment and processing of flat glass – Safety requirements – Part 11: Drilling machines (EN 13035-11:2006+A1:2010)
- HRN EN 13675:2011 en pr
Safety of machinery – Safety requirements for tube forming and rolling mills and their finishing line equipment (EN 13675:2004+A1:2010)
- HRN EN 14656:2011 en pr
Safety of machinery – Safety requirements for extrusion presses for steel and non-ferrous metals (EN 14656:2006+A1:2010)
- HRN EN 14673:2011 en pr
Safety of machinery – Safety requirements for hydraulically powered open die hot forging presses for the forging of steel and non-ferrous metals (EN 14673:2006+A1:2010)
- HRN EN 14681:2011 en pr
Safety of machinery – Safety requirements for machinery and equipment for production of steel by electric arc furnaces (EN 14681:2006+A1:2010)
- HRN EN 15632-2:2011 en pr
District heating pipes – Pre-insulated flexible pipe systems – Part 2: Bonded plastic service pipes – Requirements and test methods (EN 15632-2:2010)
- HRN EN 15632-3:2011 en pr
District heating pipes – Pre-insulated flexible pipe systems – Part 3: Non bonded system with plastic service pipes; requirements and test methods (EN 15632-3:2010)

HZNTU M1, Metalni materijali 1

- HRN EN 1811:2011 en pr
Reference test method for release of nickel from all post assemblies which are inserted into pierced parts of the human body and articles intended to come into direct and prolonged contact with the skin (EN 1811:2011)
- HRN EN ISO 2739:2011 en pr
Sintered metal bushes – Determination of radial crushing strength (ISO 2739:2006; EN ISO 2739:2010)
- HRN EN ISO 2740:2011 en pr
Sintered metal materials, excluding hardmetals – Tensile test pieces (ISO 2740:2009; EN ISO 2740:2009)
- HRN EN ISO 3327:2011 en pr
Hardmetals – Determination of transverse rupture strength (ISO 3327:2009; EN ISO 3327:2009)
- HRN EN ISO 3369:2011 en pr
Impermeable sintered metal materials and hardmetals – Determination of density (ISO 3369:2006; EN ISO 3369:2010)
- HRN EN ISO 3738-1:2011 en pr
Hardmetals – Rockwell hardness test (scale A) – Part 1: Test method (ISO 3738-1:1982; EN ISO 3738-1:2010)
- HRN EN ISO 3907:2011 en pr
Hardmetals – Determination of total carbon – Gravimetric method (ISO 3907:2009; EN ISO 3907:2009)
- HRN EN ISO 3908:2011 en pr
Hardmetals – Determination of insoluble (free) carbon – Gravimetric method (ISO 3908:2009; EN ISO 3908:2009)

- HRN EN ISO 3923-1:2011 en pr
Metallic powders – Determination of apparent density – Part 1: Funnel method (ISO 3923-1:2008; EN ISO 3923-1:2010)
- HRN EN ISO 3927:2011 en pr
Metallic powders, excluding powders for hardmetals – Determination of compressibility in uniaxial compression (ISO 3927:2011; EN ISO 3927:2011)
- HRN EN ISO 4499-1:2011 en pr
Hardmetals – Metallographic determination of microstructure – Part 1: Photomicrographs and description (ISO 4499-1:2008; EN ISO 4499-1:2010)
- HRN EN ISO 4499-2:2011 en pr
Hardmetals – Metallographic determination of microstructure – Part 2: Measurement of WC grain size (ISO 4499-2:2008; EN ISO 4499-2:2010)
- HRN EN ISO 7625:2011 en pr
Sintered metal materials, excluding hardmetals – Preparation of samples for chemical analysis for determination of carbon content (ISO 7625:2006; EN ISO 7625:2010)
- HRN EN 12472:2011 en pr
Method for the simulation of wear and corrosion for the detection of nickel release from coated items (EN 12472:2005+A1:2009)
- HRN EN 14879-6:2011 en pr
Organic coating systems and linings for protection of industrial apparatus and plants against corrosion caused by aggressive media – Part 6: Combined linings with tile and brick layers (EN 14879-6:2009)

HZN/TU N1, Nemetalni materijali 1

- HRN EN 15357:2011 en pr
Solid recovered fuels – Terminology, definitions and descriptions (EN 15357:2011)
- HRN EN 15358:2011 en pr
Solid recovered fuels – Quality management systems – Particular requirements for their application to the production of solid recovered fuels (EN 15358:2011)
- HRN EN 15400:2011 en pr
Solid recovered fuels – Determination of calorific value (EN 15400:2011)
- HRN EN 15402:2011 en pr
Solid recovered fuels – Determination of the content of volatile matter (EN 15402:2011)
- HRN EN 15403:2011 en pr
Solid recovered fuels – Determination of ash content (EN 15403:2011)
- HRN EN 15407:2011 en pr
Solid recovered fuels – Methods for the determination of carbon (C), hydrogen (H) and nitrogen (N) content (EN 15407:2011)
- HRN EN 15408:2011 en pr
Solid recovered fuels – Methods for the determination of sulphur (S), chlorine (Cl), fluorine (F) and bromine (Br) content (EN 15408:2011)
- HRN EN 15414-3:2011 en pr
Solid recovered fuels – Determination of moisture content using the oven dry method – Part 3: Moisture in general analysis sample (EN 15414-3:2011)
- HRN EN 15440:2011 en pr
Solid recovered fuels – Methods for the determination of biomass content (EN 15440:2011)
- HRN EN 15442:2011 en pr
Solid recovered fuels – Methods for sampling (EN 15442:2011)
- HRN EN 15443:2011 en pr
Solid recovered fuels – Methods for the preparation of the laboratory sample (EN 15443:2011)

- HRN EN 15979:2011 en pr
Testing of ceramic raw and basic materials – Direct determination of mass fractions of impurities in powders and granules of silicon carbide by OES by DC arc excitation (EN 15979:2011)
- HRN EN 15991:2011 en pr
Testing of ceramic and basic materials – Direct determination of mass fractions of impurities in powders and granules of silicon carbide by inductively coupled plasma optical emission spectrometry (ICP OES) with electrothermal vaporisation (ETV) (EN 15991:2011)

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

- HRN EN ISO 3107:2011 en pr
Dentistry – Zinc oxide/eugenol cements and zinc oxide/non-eugenol cements (ISO 3107:2011; EN ISO 3107:2011)
- HRN EN ISO 6875:2011 en pr
Dentistry – Patient chair (ISO 6875:2011; EN ISO 6875:2011)
- HRN EN ISO 7711-2:2011 en pr
Dentistry – Rotary diamond instruments – Part 2: Discs (ISO 7711-2:2011; EN ISO 7711-2:2011)
- HRN EN ISO 8362-6:2011 en pr
Injection containers and accessories – Part 6: Caps made of aluminium-plastics combinations for injection vials (ISO 8362-6:2010; EN ISO 8362-6:2011)
- HRN EN 12006-3:2011 en pr
Non active surgical implants – Particular requirements for cardiac and vascular implants – Part 3: Endovascular devices (EN 12006-3:1998+A1:2009)
- HRN EN 13795:2011 en pr
Surgical drapes, gowns and clean air suits, used as medical devices for patients, clinical staff and equipment – General requirements for manufacturers, processors and products, test methods, performance requirements and performance levels (EN 13795:2011)
- HRN EN 15964:2011 en pr
Breath alcohol test devices other than single use devices – Requirements and test methods (EN 15964:2011)
- HRN EN ISO 21671:2008/A1:2011 en pr
Dentistry – Rotary polishers (ISO 21671:2006/Amd 1:2011; EN ISO 21671:2006/A1:2011)
- HRN EN ISO 22413:2011 en pr
Transfer sets for pharmaceutical preparations – Requirements and test methods (ISO 22413:2010; EN ISO 22413:2011)
- HRN EN ISO 23908:2011 en pr
Sharps injury protection – Requirements and test methods – Sharps protection features for single-use hypodermic needles, introducers for catheters and needles used for blood sampling (ISO 23908:2011; EN ISO 23908:2011)
- HRN EN ISO 24415-1:2011 en pr
Tips for assistive products for walking – Requirements and test methods – Part 1: Friction of tips (ISO 24415-1:2009; EN ISO 24415-1:2009)
- HRN EN ISO 28399:2011 en pr
Dentistry – Products for external tooth bleaching (ISO 28399:2011; EN ISO 28399:2011)

HZN/TU U1, Opća elektrotehnika 1

- HRN EN 60027-7:2011 en pr
Letter symbols to be used in electrical technology – Part 7: Power generation, transmission and distribution (IEC 60027-7:2010; EN 60027-7:2010)

- HRN EN 60068-2-53:2011 en pr
Environmental testing — Part 2-53: Tests and guidance — Combined climatic (temperature/humidity) and dynamic (vibration/shock) tests (IEC 60068-2-53:2010; EN 60068-2-53:2010)
- HRN EN 60071-1:2008/A1:2011 en pr
Usklađivanje izolacije — 1. dio: Definicije, načela i pravila (IEC 60071-1:2006/am1:2010; EN 60071-1:2006/A1:2010)
Insulation co-ordination — Part 1: Definitions, principles and rules (IEC 60071-1:2006/am1:2010; EN 60071-1:2006/A1:2010)
- HRN EN 60127-2:2004/A2:2011 en pr
Minijaturni osigurači — 2. dio: Rastalni ulošci (IEC 60127-2:2003/am2:2010; EN 60127-2:2003/A2:2010)
Miniature fuses — Part 2: Cartridge fuse-links (IEC 60127-2:2003/am2:2010; EN 60127-2:2003/A2:2010)
- HRN HD 60269-2:2011 en pr
Niskonaponski osigurači — 2. dio: Dodatni zahtjevi za osigurače kojima rukuju ovlaštene osobe (osigurači uglavnom namijenjeni za primjenu u industriji) — Primjeri normiranih sustava osigurača A do J (IEC 60269-2:2010, MOD; HD 60269-2:2010)
Low-voltage fuses — Part 2: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application) — Examples of standardized systems of fuses A to J (IEC 60269-2:2010, MOD; HD 60269-2:2010)
- HRN HD 60269-3:2011 en pr
Niskonaponski osigurači — 3. dio: Dodatni zahtjevi za osigurače kojima rukuju nestručne osobe (osigurači uglavnom za kućanstvo ili slične primjene) — Primjeri normiranih sustava osigurača A do F (IEC 60269-3:2010, MOD; HD 60269-3:2010)
Low-voltage fuses — Part 3: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household and similar applications) — Examples of standardized systems of fuses A to F (IEC 60269-3:2010, MOD; HD 60269-3:2010)
- HRN EN 60445:2011 en pr
Basic and safety principles for man-machine interface, marking and identification — Identification of equipment terminals, conductor terminations and conductors (IEC 60445:2010; EN 60445:2010)
- HRN EN 60664-3:2008/A1:2011 en pr
Insulation coordination for equipment within low-voltage systems — Part 3: Use of coating, potting or moulding for protection against pollution (IEC 60664-3:2003/am1:2010+Corr.1:2010; EN 60664-3:2003/A1:2010)
- HRN EN 60691:2004/A2:2011 en pr
Toplinski zaštitni ulošci — Zahtjevi i uputa za primjenu (IEC 60691:2002/am2:2010; EN 60691:2003/A2:2010)
Thermal-links — Requirements and application guide (IEC 60691:2002/am2:2010; EN 60691:2003/A2:2010)
- HRN EN 60695-1-10:2011 en pr
Fire hazard testing — Part 1-10: Guidance for assessing the fire hazard of electrotechnical products — General guidelines (IEC 60695-1-10:2009; EN 60695-1-10:2010)
- HRN EN 60695-1-11:2011 en pr
Fire hazard testing — Part 1-11: Guidance for assessing the fire hazard of electrotechnical products — Fire hazard assessment (IEC 60695-1-11:2010; EN 60695-1-11:2010)
- HRN EN 60695-2-12:2011 en pr
Fire hazard testing — Part 2-12: Glowing/hot-wire based test methods — Glow-wire flammability index (GWFI) test method for materials (IEC 60695-2-12:2010; EN 60695-2-12:2010)
- HRN EN 60695-2-13:2011 en pr
Fire hazard testing — Part 2-13: Glowing/hot-wire based test methods — Glow-wire ignition temperature (GWIT) test method for materials (IEC 60695-2-13:2010; EN 60695-2-13:2010)
- HRN EN 60695-6-1:2008/A1:2011 en pr
Fire hazard testing — Part 6-1: Smoke obscuration — General guidance (IEC 60695-6-1:2005/am1:2010; EN 60695-6-1:2005/A1:2010)
- HRN EN 60695-7-1:2011 en pr
Fire hazard testing — Part 7-1: Toxicity of fire effluent — General guidance (IEC 60695-7-1:2010; EN 60695-7-1:2010)
- HRN EN 60909-3:2011 en pr
Short-circuit currents in three-phase a.c systems — Part 3: Currents during two separate simultaneous line-to-earth short-circuits and partial short-circuit currents flowing through earth (IEC 60909-3:2009; EN 60909-3:2010)
- HRN EN 60974-6:2011 en pr
Arc welding equipment — Part 6: Limited duty equipment (IEC 60974-6:2010; EN 60974-6:2011)
- HRN EN 60974-9:2011 en pr
Arc welding equipment — Part 9: Installation and use (IEC 60974-9:2010; EN 60974-9:2010)
- HRN EN 60974-11:2011 en pr
Arc welding equipment — Part 11: Electrode holders (IEC 60974-11:2010; EN 60974-11:2010)
- HRN EN 61666:2011 en pr
Industrial systems, installations and equipment and industrial products — Identification of terminals within a system (IEC 61666:2010; EN 61666:2010)
- HRN EN 61788-8:2011 en pr
Superconductivity — Part 8: AC loss measurements — Total AC loss measurement of round superconducting wires exposed to a transverse alternating magnetic field at liquid helium temperature by a pickup coil method (IEC 61788-8:2010; EN 61788-8:2010)
- HRN EN 61788-14:2011 en pr
Superconductivity — Part 14: Superconducting power devices — General requirements for characteristic tests of current leads designed for powering superconducting devices (IEC 61788-14:2010; EN 61788-14:2010)
- HRN EN 62507-1:2011 en pr
Identification systems enabling unambiguous information interchange — Requirements — Part 1: Principles and methods (IEC 62507-1:2010; EN 62507-1:2011)
- HRN EN 80000-14:2011 en pr
Quantities and units — Part 14: Telebiometrics related to human physiology (IEC 80000-14:2008; EN 80000-14:2009)

HZN/TU W1, Energetska elektrotehnika 1

- HRN EN 50194-1:2011 en pr
Electrical apparatus for the detection of combustible gases in domestic premises — Part 1: Test methods and performance requirements (EN 50194-1:2009)
- HRS ENV 50230:2011 en pr
Aeronautical ground lighting electrical installation — Control and monitoring systems — General requirements (ENV 50230:1997)
- HRS ENV 50234:2011 en pr
Aeronautical ground lighting electrical installation — Flashing lights — Equipment specifications and tests (ENV 50234:1997)
- HRS ENV 50235:2011 en pr
Aeronautical ground lighting electrical installation — Signs — Equipment specifications and tests (ENV 50235:1997)

- HRN EN 50272-1:2011 en pr
Safety requirements for secondary batteries and battery installations – Part 1: General safety information (EN 50272-1:2010)
- HRN EN 50291-1:2011 en pr
Electrical apparatus for the detection of carbon monoxide in domestic premises – Part 1: Test methods and performance requirements (EN 50291-1:2010)
- HRN EN 50291-2:2011 en pr
Electrical apparatus for the detection of carbon monoxide in domestic premises – Part 2: Electrical apparatus for continuous operation in a fixed installation in recreational vehicles and similar premises including recreational craft – Additional test methods and performance requirements (EN 50291-2:2010)
- HRN EN 50342-3:2011 en pr
Lead-acid starter batteries – Part 3: Terminal system for batteries with 36 V nominal voltage (EN 50342-3:2008)
- HRN EN 50342-4:2011 en pr
Lead-acid starter batteries – Part 4: Dimensions of batteries for heavy vehicles (EN 50342-4:2009)
- HRN EN 50342-5:2011 en pr
Lead-acid starter batteries – Part 5: Properties of battery housings and handles (EN 50342-5:2010)
- HRN EN 50512:2011 en pr
Electrical installations for lighting and beaconing of aerodromes – Advanced Visual Docking Guidance Systems (A-VDGS) (EN 50512:2009)
- HRN EN 60143-4:2011 en pr
Series capacitors for power systems – Part 4: Thyristor controlled series capacitors (IEC 60143-4:2010; EN 60143-4:2010)
- HRN EN 60519-1:2011 en pr
Safety in electroheating installations – Part 1: General requirements (IEC 60519-1:2010; EN 60519-1:2011)
- HRN EN 60519-7:2011 en pr
Safety in electroheat installations – Part 7: Particular requirements for installations with electron guns (IEC 60519-7:2008; EN 60519-7:2008)
- HRN EN 60519-21:2011 en pr
Safety in electroheat installations – Part 21: Particular requirements for resistance heating equipment – Heating and melting glass equipment (IEC 60519-21:2008; EN 60519-21:2009)
- HRN EN 60703:2011 en pr
Test methods for electroheating installations with electron guns (IEC 60703:2008; EN 60703:2009)
- HRN EN 61558-1:2009/A1:2011 en pr
Sigurnost energetske transformatora, mrežnih opskrbenih jedinica, prigušnica i sličnih proizvoda – 1. dio: Opći zahtjevi i ispitivanja (IEC 61558-1:2005/am1:2009; EN 61558-1:2005/A1:2009)
Safety of power transformers, power supplies, reactors and similar products – Part 1: General requirements and tests (IEC 61558-1:2005/am1:2009; EN 61558-1:2005/A1:2009)
- HRN EN 61558-2-13:2011 en pr
Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1100 V – Part 2-13: Particular requirements and tests for auto transformers and power supply units incorporating auto transformers (IEC 61558-2-13:2009; EN 61558-2-13:2009)
- HRN EN 61558-2-16:2011 en pr
Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1100 V – Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units (IEC 61558-2-16:2009; EN 61558-2-16:2009)
- HRN EN 61558-2-23:2011 en pr
Safety of transformers, reactors, power supply units and combinations thereof – Part 2-23: Particular requirements and tests for transformers and power supply units for construction sites (IEC 61558-2-23:2010; EN 61558-2-23:2010)
- HRN EN 61558-2-3:2011 en pr
Safety of transformers, reactors, power supply units and combinations thereof – Part 2-3: Particular requirements and tests for ignition transformers for gas and oil burners (IEC 61558-2-3:2010; EN 61558-2-3:2010)
- HRN EN 61558-2-4:2011 en pr
Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1100 V – Part 2-4: Particular requirements and tests for isolating transformers and power supply units incorporating isolating transformers (IEC 61558-2-4:2009; EN 61558-2-4:2009)
- HRN EN 61558-2-5:2011 en pr
Safety of transformers, reactors, power supply units and combinations thereof – Part 2-5: Particular requirements and tests for transformer for shavers, power supply units for shavers and shaver supply units (IEC 61558-2-5:2010; EN 61558-2-5:2010)
- HRN EN 61558-2-6:2011 en pr
Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1100 V – Part 2-6: Particular requirements and tests for safety isolating transformers and power supply units incorporating safety isolating transformers (IEC 61558-2-6:2009; EN 61558-2-6:2009)
- HRN EN 61558-2-8:2011 en pr
Safety of transformers, reactors, power supply units and combinations thereof – Part 2-8: Particular requirements and tests for transformers and power supply units for bells and chimes (IEC 61558-2-8:2010; EN 61558-2-8:2010)
- HRN EN 61822:2011 en pr
Electrical installations for lighting and beaconing of aerodromes – Constant current regulators (IEC 61822:2009; EN 61822:2009)
- HRN EN 62041:2011 en pr
Safety of transformers, reactors, power supply units and combinations thereof – EMC requirements (IEC 62041:2010; EN 62041:2010)
- HRN EN 62097:2011 en pr
Hydraulic machines, radial and axial – Performance conversion method from model to prototype (IEC 62097:2009; EN 62097:2009)
- HRN EN 62282-6-100:2011 en pr
Fuel cell technologies – Part 6-100: Micro fuel cell power systems – Safety (IEC 62282-6-100:2010; EN 62282-6-100:2010)
- HRN EN 62282-6-300:2011 en pr
Fuel cell technologies – Part 6-300: Micro fuel cell power systems – Fuel cartridge interchangeability (IEC 62282-6-300:2009; EN 62282-6-300:2009)
- HRS CLC/TS 62395-2:2011 en pr
Electrical resistance trace heating systems for industrial and commercial applications – Part 2: Application guide for system design, installation and maintenance (IEC/TS 62395-2:2008; CLC/TS 62395-2:2010)

1.3 Prijedlozi za prihvaćanje stranih norma u izvorniku

Temeljem Zakona o normizaciji (Narodne novine 163/03) 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 23, *Traktori i strojevi za poljoprivredu i šumarstvo*

prEN ISO 16122-1 en
Agricultural and forestry machinery – Inspection of sprayers and liquid fertilizer distributors in use – Part 1: General (ISO/DIS 16122-1:2011)

prEN ISO 16122-2 en
Agricultural and forestry machinery – Inspection of sprayers and liquid fertilizer distributors in use – Part 2: Horizontal boom sprayers and similar (ISO/DIS 16122-2:2011)

prEN ISO 16122-3 en
Agricultural and forestry machinery – Inspection of sprayers and liquid fertilizer distributors in use – Part 3: Sprayers for bush and tree crops (ISO/DIS 16122-3:2011)

HZN/TO 25, *Ljevarstvo*

prEN 1369 rev en
Founding – Magnetic particle testing

HZN/TO 28, *Naftni proizvodi i maziva*

ISO 3987:2010+Cor 1:2011 en
Petroleum products – Determination of sulfated ash in lubricating oils and additives
Naftni proizvodi – Određivanje sulfatnog pepela u mazivim uljima i aditivima

ISO 7507-4:2010 en
Petroleum and liquid petroleum products – Calibration of vertical cylindrical tanks – Part 4: Internal electro-optical distance-ranging method
Nafta i tekući naftni proizvodi – Umjeravanje vertikalnih cilindričnih spremnika – 4. dio: Elektro-optička metoda mjerenja unutarnjeg razmaka

ISO 10307-1:2009 en
Petroleum products – Total sediment in residual fuel oils – Part 1: Determination by hot filtration
Naftni proizvodi – Ukupna količina sedimenta u ostatnim loživim uljima – 1. dio: Određivanje vrućom filtracijom

ISO 10307-2:2009+Cor 1:2010 en
Petroleum products – Total sediment in residual fuel oils – Part 2: Determination using standard procedures for ageing
Naftni proizvodi – Ukupna količina sedimenta u ostatnim loživim uljima – 2. dio: Određivanje starenja standardnim postupcima

ISO 11158:2009 en
Lubricants, industrial oils and related products (class L) – Family H (hydraulic systems) – Specifications for categories HH, HL, HM, HV and HG
Maziva, industrijska ulja i srodni proizvodi (razred L) – Podrazred H (hidraulički sustavi) – Specifikacije za kategorije HH, HL, HM, HV i HG

ISO 13739:2010 en
Petroleum products – Procedures for transfer of bunkers to vessels
Naftni proizvodi – Postupci pretakanja brodskih goriva u plovila

prEN 16270 en
Automotive fuels – Determination of high-boiling components in petrol – Gas chromatographic method

DIN 51603-1:2008 en
Liquid fuels – Fuel oils – Part 1: Fuel oils EL, Specifications
Tekuća goriva – Loživa ulja – 1. dio: Loživo ulje EL (ekstra lako), specifikacije

HZN/TO 34/PO 4, *Poljoprivredni i prehrambeni proizvodi; Žito i proizvodi od žita*

prEN ISO 11747 en
Rice – Determination of rice kernel hardness after cooking – Extrusion method (ISO/DIS 11747:2011)

HZN/TO 34/PO 12, *Poljoprivredni i prehrambeni proizvodi; Aditivi, kontaminanti, ambalaža za prehrambene proizvode i predmeti u dodiru s hranom*

EN 13834:2007+A1:2009 en
Cookware – Ovenware for use in traditional domestic ovens
Posuđe za kuhanje hrane – Posuđe za pećnice u kućanstvu

HZN/TO 35, *Boje i lakovi*

EN ISO 1513:2010 en
Paints and varnishes – Examination and preparation of test samples (ISO 1513:2010)
Boje i lakovi – Ispitivanje i priprema ispitnih uzoraka (ISO 1513:2010)

EN ISO 4628-6:2007 en
Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 6: Assessment of degree of chalking by tape method (ISO 4628-6:2007)

EN ISO 9117-2:2010 en
Paints and varnishes – Drying tests – Part 2: Pressure test for stackability (ISO 9117-2:2010)

EN ISO 9117-3:2010 en
Paints and varnishes – Drying tests – Part 3: Surface-drying test using ballotini (ISO 9117-3:2010)

EN 13523-1:2009 en
Coil coated metals – Test methods – Part 1: Film thickness
Metali zaštićeni trakom – Metode ispitivanja – 1. dio: Debljina sloja

EN 13523-8:2010 en
Coil coated metals – Test methods – Part 8: Resistance to salt spray (fog)
Metali zaštićeni trakom – Metode ispitivanja – 8. dio: Otpornost na slanu maglu

EN 13523-10:2010 en
Coil coated metals – Test methods – Part 10: Resistance to fluorescent UV radiation and water condensation
Metali zaštićeni trakom – Metode ispitivanja – 10. dio: Otpornost na fluorescentno UV zračenje i kondenzaciju vode

EN 13523-21:2010 en
Coil coated metals – Test methods – Part 21: Evaluation of outdoor exposed panels
Metali zaštićeni trakom – Metode ispitivanja – 21. dio: Ocjena ploča izloženih vanjskim utjecajima

EN 13523-22:2010 en
Coil coated metals – Test methods – Part 22: Colour difference – Visual comparison
Metali zaštićeni trakom – Metode ispitivanja – 22. dio: Razlike u boji – Vizualna usporedba

- EN 13523-27:2009 en
Coil coated metals – Test methods – Part 27: Resistance to humid poultice (Cataplast test)
Metali zaštićeni trakom – Metode ispitivanja – 27. dio: Otpornost na vlažne obloge (Cataplasta test)
- EN 13523-29:2010 en
Coil coated metals – Test methods – Part 29: Resistance to environmental soiling (Dirt pick-up and striping)
- prEN ISO 15184 en
Paints and varnishes – Determination of film hardness by pencil test (ISO/DIS 15184:2011)
- EN ISO 16773-3:2009 en
Paints and varnishes – Electrochemical impedance spectroscopy (EIS) on high-impedance coated specimens – Part 3: Processing and analysis of data from dummy cells (ISO 16773-3:2009)
Boje i lakovi – Elektrokemijska impedancijska spektroskopija (EIS) na visokootpornim prevučenim uzorcima – 3. dio: Obradivanje i analiza podataka iz slijepih ćelija (ISO 16773-3:2009)
- EN ISO 16773-4:2009 en
Paints and varnishes – Electrochemical impedance spectroscopy (EIS) on high-impedance coated specimens – Part 4: Examples of spectra of polymer-coated specimens (ISO 16773-4:2009)
Boje i lakovi – Elektrokemijska impedancijska spektroskopija (EIS) na visokootpornim prevučenim uzorcima – 4. dio: Primjeri spektra polimerom prevučenih uzoraka (ISO 16773-4:2009)
- prEN ISO 20567-3 en
Paints and varnishes – Determination of stone-chip resistance of coatings – Part 3: Single-impact test with a free-flying impact body (ISO/DIS 20567-3:2011)

HZN/TO 43, Akustika

- prEN ISO 717-1 rev en
Acoustics – Rating of sound insulation in buildings and of building elements – Part 1: Airborne sound insulation (ISO/DIS 717-1:2011)
Akustika – Ocjena zvučne izolacije zgrada i građevnih dijelova zgrade – 1. dio: Izolacija od zračnog zvuka (ISO/DIS 717-1:2011)
- prEN ISO 717-2 en
Acoustics – Rating of sound insulation in buildings and of building elements – Part 2: Impact sound insulation (ISO/DIS 717-2:2011)
Akustika – Ocjena zvučne izolacije zgrada i građevnih dijelova zgrade – 2. dio: Izolacija od udarnog zvuka (ISO/DIS 717-2:2011)

HZN/TO 44, Zavarivanje i srodni postupci

- prEN ISO 2553 en
Welding and allied processes – Symbolic representation on drawings – Welded, brazed and soldered joints (ISO/DIS 2553:2011)
- prEN ISO 9455-10 en
Soft soldering fluxes – Test methods – Part 10: Flux efficacy test, solder spread method (ISO/DIS 9455-10:2011)
- prEN ISO 9455-16 en
Soft soldering fluxes – Test methods – Part 16: Flux efficacy test, wetting balance method (ISO/DIS 9455-16:2011)
- prEN ISO 15012-1 en
Health and safety in welding and allied processes – Equipment for capture and separation of welding fume – Part 1: Requirements for testing and marking of separation efficiency (ISO/DIS 15012-1:2011)
- prEN ISO 15614-14 en
Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 14: Laser-arc hybrid welding of steels, nickel and nickel alloys (ISO/DIS 15614-14:2011)

HZN/TO 54, Eterična ulja

- ISO 8897:2010 en
Oil of juniper berry (*Juniperus communis* L.)
- ISO 10869:2010 en
Oil of fir needle, Siberian (*Abies sibirica* Ledeb.)
- ISO 14715:2010 en
Oil of thyme containing thymol, Spanish type [*Thymus zygis* (Loefl.) L.]
- ISO 22769:2009 en
Oil of Australian sandalwood (*Santalum spicatum* (R.Br.) A.D.C.)
- ISO 23954:2009 en
Oil of lime expressed, Persian type (*Citrus latifolia* Tanaka)

HZN/TO 89, Furniri i drvne ploče

- EN 12369-2:2011 en
Wood-based panels – Characteristic values for structural design – Part 2: Plywood
Ploče na osnovi drva – Svojstvene vrijednosti za projektiranje konstrukcija – 2. dio: Uslojeno drvo

HZN/TO 108, Mehaničke vibracije i udari

- ISO 7919-2:2009 en
Mechanical vibration – Evaluation of machine vibration by measurements on rotating shafts – Part 2: Land-based steam turbines and generators in excess of 50 MW with normal operating speeds of 1500 r/min, 1800 r/min, 3000 r/min and 3600 r/min
Mehaničke vibracije – Vrednovanje vibracija strojeva mjerenjem na rotirajućim osovinama – 2. dio: Stacionarne parne turbine i generatori veći od 50 MW s nazivnim brzinama vrtnje 1500 o/min, 1800 o/min, 3000 o/min i 3600 o/min
- ISO 10816-2:2009 en
Mechanical vibration – Evaluation of machine vibration by measurements on non-rotating parts – Part 2: Land-based steam turbines and generators in excess of 50 MW with normal operating speeds of 1500 r/min, 1800 r/min, 3000 r/min and 3600 r/min
Mehaničke vibracije – Vrednovanje vibracija strojeva mjerenjem na nerotirajućim dijelovima – 2. dio: Stacionarne parne turbine i generatori veći od 50 MW s nazivnim brzinama vrtnje 1500 o/min, 1800 o/min, 3000 o/min i 3600 o/min
- ISO 14839-1:2002+Amd 1:2010 en
Mechanical vibration – Vibration of rotating machinery equipped with active magnetic bearings – Part 1: Vocabulary
Mehaničke vibracije – Vibracije rotacijskih strojeva s aktivnim magnetskim ležajevima – 1. dio: Rječnik
- ISO/DIS 14839-4 en
Mechanical vibration – Vibration of rotating machinery equipped with active magnetic bearings – Part 4: Technical guidelines
Mehaničke vibracije – Vibracije rotacijskih strojeva s aktivnim magnetskim ležajima – 4. dio: Tehničke smjernice
- HZN/TO 120, Koža i obuća**
- EN ISO 17076-2:2011 en
Leather – Determination of abrasion resistance – Part 2: Martindale ball plate method (ISO 17076-2:2011)
Koža – Određivanje otpornosti na habanje – 2. dio: Martindale uređaj, metoda ploče s kuglicama (ISO 17076-2:2011)
- EN ISO 17226-3:2011 en
Leather – Chemical determination of formaldehyde content – Part 3: Determination of formaldehyde emissions from leather (ISO 17226-3:2011)
Koža – Kemijsko određivanje sadržaja formaldehida – 3. dio: Određivanje otpuštanja formaldehida iz kože (ISO 17226-3:2011)

HZNTO 126, *Duhan i duhanski proizvodi*

- EN ISO 12863:2010+AC:2011 en
Standard test method for assessing the ignition propensity of cigarettes
(ISO 12863:2010+Cor 1:2011)
Standardna ispitna metoda za ocjenjivanje svojstva zapaljivosti cigareta (ISO 12863:2010+Cor 1:2011)

HZNTO 134, *Gnojiva i poboljšivači tla*

- EN 1235:1995/A1:2003 en
Solid fertilizers — Test sieving
Kruta gnojiva — Kontrolno sisanje
- prEN 13971 en
Carbonate and silicate liming materials — Determination of reactivity — Potentiometric titration method with hydrochloric acid
- EN 15704:2008 en
Liming materials — Determination of the breakdown of granulated calcium and calcium/magnesium carbonates under the influence of water
Tvari za kalcifikaciju — Određivanje raspada granuliranog kalcija i kalcijevih/magnezijevih karbonata pod utjecajem vode
- FprEN 15958 en
Fertilizers — Extraction of water soluble phosphorus
- FprEN 15959 en
Fertilizers — Determination of extracted phosphorus
- FprEN 15960 en
Fertilizers — Extraction of total calcium, total magnesium, total sodium and total sulfur in the forms of sulfates
- FprEN 15961 en
Fertilizers — Extraction of water-soluble calcium, magnesium, sodium and sulfur in the form of sulfates
- FprEN 16032 en
Fertilizers — Extraction and determination of elemental sulfur

HZNTO 135, *Nerazorna ispitivanja*

- prEN ISO 3452-1 en
Non-destructive testing — Penetrant testing — Part 1: General principles (ISO/DIS 3452-1:2011)

HZNTO 138, *Plastične cijevi, spojnice i ventili za prijenos tekućina*

- ISO 12176-3:2011 en
Plastics pipes and fittings — Equipment for fusion jointing polyethylene systems — Part 3: Operator's badge
Plastične cijevi i spojnice — Oprema za spajanje polietilenskih sustava zavarivanjem — 3. dio: Identifikacija izvođača

HZNTO 146, *Kvaliteta zraka*

- prEN ISO 13199 en
Stationary source emissions — Determination of total volatile organic compounds (TVOC) in waste gases from non-combustion processes — Non-dispersive infrared method equipped with catalytic converter (ISO/DIS 13199:2011)
- prEN 13649 en
Stationary source emissions — Determination of the mass concentration of individual gaseous organic compounds — Active carbon and solvent desorption method
- CEN/TR 15983:2010 en
Stationary source emissions — Guidance on the application of EN 14181:2004
- CEN/TR 16013-1:2010 en
Workplace exposure — Guide for the use of direct-reading instruments for aerosol monitoring — Part 1: Choice of monitor for specific applications

- CEN/TR 16013-2:2010 en
Workplace exposure — Guide for the use of direct-reading instruments for aerosol monitoring — Part 2: Evaluation of airborne particle concentrations using Optical Particle Counters
- EN ISO 28439:2011 en
Workplace atmospheres — Characterization of ultrafine aerosols/nanoaerosols — Determination of the size distribution and number concentration using differential electrical mobility analysing systems (ISO 28439:2011)

HZNTO 147, *Kvaliteta vode*

- FprEN ISO 18857-2 en
Water quality — Determination of selected alkylphenols — Part 2: Gas chromatographic-mass spectrometric determination of alkylphenols, their ethoxylates and bisphenol A in non-filtered samples following solid-phase extraction and derivatisation (ISO 18857-2:2009)

HZNTO 147/PO 7, *Kvaliteta vode; Mikrobiološka i biološka ispitivanja*

- ISO 19250:2010 en
Water quality — Detection of Salmonella species
Kvaliteta vode — Detekcija vrsta roda Salmonella

HZNTO 159, *Ergonomija*

- FprEN ISO 9241-154 en
Ergonomics of human-system interaction — Part 154: Interactive voice response (IVR) applications (ISO/DIS 9241-154:2011)

HZNTO 172, *Optika i optički instrumenti*

- EN ISO 8624:2011 en
Ophthalmic optics — Spectacle frames — Measuring system and terminology (ISO 8624:2011)
Oftalmološka optika — Okviri za naočale — Mjerni sustav i nazivlje (ISO 8624:2011)
- ISO 9211-1:2010 en
Optics and photonics — Optical coatings — Part 1: Definitions
Optika i fotonika — Optički slojevi — 1. dio: Definicije
- ISO 9211-2:2010 en
Optics and photonics — Optical coatings — Part 2: Optical properties
Optika i fotonika — Optički slojevi — 2. dio: Optička svojstva
- ISO 9211-3:2008 en
Optics and photonics — Optical coatings — Part 3: Environmental durability
Optika i fotonika — Optički slojevi — 3. dio: Otpornost na utjecaje okoliša
- ISO 9211-4:2006 en
Optics and optical instruments — Optical coatings — Part 4: Specific test methods
Optika i optički instrumenti — Optički slojevi — 4. dio: Specifične metode ispitivanja
- FprEN ISO 10943 en
Ophthalmic instruments — Indirect ophthalmoscopes (ISO/FDIS 10943:2011)
Oftalmološki instrumenti — Indirektni oftalmoskopi (ISO/FDIS 10943:2011)
- FprEN ISO 11990-1 en
Lasers and laser-related equipment — Determination of laser resistance of tracheal tubes — Part 1: Tracheal tube shaft (ISO 11990-1:2011)
Laseri i oprema povezana s laserima — Utvrđivanje otpornosti trahealnih intubacijskih cijevi na lasersko zračenje — 1. dio: Tijelo trahealne intubacijske cijevi (ISO 11990-1:2011)

EN ISO 14534:2011 en
Ophthalmic optics – Contact lenses and contact lens care products – Fundamental requirements (ISO 14534:2011)
Oftalmološka optika – Kontaktne leće i proizvodi za njegu kontaktnih leća – Osnovni zahtjevi (ISO 14534:2011)

ISO 17123-1:2010 en
Optics and optical instruments – Field procedures for testing geodetic and surveying instruments – Part 1: Theory
Optika i optički instrumenti – Terenski postupci za ispitivanje geodetskih instrumenata i instrumenata za izmjere – 1. dio: Teorija

HZN/TO 176, *Upravljanje kvalitetom i osiguravanje kvalitete*

prEN 16271 en
Value management – Functional expression of the need and functional performance specification – Requirements for expressing and validating the need to be satisfied within the process of purchasing or obtaining a product

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

CEN/TS 81-11:2011 en
Safety rules for the construction and installation of lifts – Basics and interpretations – Part 11: Interpretations related to EN 81 family of standards
Sigurnosna pravila za konstrukciju i ugradnju dizala – Osnove i tumačenja – 11. dio: Tumačenja u odnosu na EN 81 porodicu norma

ISO 4190-1:2010 en
Lift (Elevator) installation – Part 1: Class I, II, III and VI lifts
Ugradnja dizala – 1. dio: Dizala I., II., III. i VI. klase

prEN ISO 14798 en
Lifts (elevators), escalators and moving walks – Risk assessment and reduction methodology (ISO 14798:2009)

ISO 14798:2009 en
Lifts (elevators), escalators and moving walks – Risk assessment and reduction methodology
Dizala, pokretne stube i pokretne trake za prijevoz osoba – Metodologija procjene i smanjenja rizika

HZN/TO 215, *Medicinska informatika*

prEN ISO 13120 en
Health informatics – Syntax to represent the content of healthcare classification systems – Classification Markup Language (CML) (ISO/DIS 13120:2011)

HZN/TO 218, *Drvo*

prEN 13442 rev en
Wood and parquet flooring and wood panelling and cladding – Determination of the resistance to chemical agents

HZN/TO 228, *Usluge u turizmu*

prEN ISO 13293 en
Recreational diving services – Requirements for gas blender training programmes (ISO/DIS 13293:2011)

HZN/TO 502, *Plinski uređaji*

EN 161:2011/prA1 en
Automatic shut-off valves for gas burners and gas appliances – Special requirements to determine the performance level (PL)

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

prEN ISO 10723 en
Natural gas – Performance evaluation for on-line analytical systems (ISO/DIS 10723:2011)

prEN ISO 13503-6 en
Petroleum and natural gas industries – Completion fluids and materials – Part 6: Procedure for measuring leakoff of completion fluids under dynamic conditions (ISO/DIS 13503-6:2011)

prEN ISO 13686 en
Natural gas – Quality designation (ISO/DIS 13686:2011)

prEN ISO 13705 en
Petroleum, petrochemical and natural gas industries – Fired heaters for general refinery service (ISO/DIS 13705:2011)

prEN ISO 23251 en
Petroleum, petrochemical and natural gas industries – Pressure-relieving and depressuring systems (ISO/DIS 23251:2011)

HZN/TO 513, *Mjerne jedinice i mjerila*

prEN 13757-3 en
Communication systems for and remote reading of meters – Part 3: Dedicated application layer

HZN/TO 528, *Oprema za željeznice*

EN 13145:2001/FprA1 en
Railway applications – Track – Wood sleepers and bearers

EN 13146-9:2009/FprA1 en
Railway applications – Track – Test methods for fastening systems – Part 9: Determination of stiffness

prEN 13231-1 rev en
Railway applications – Track – Acceptance of works – Part 1: Works on ballasted track – Plain line, switches and crossings

prEN 13231-4 en
Railway applications – Track – Acceptance of works – Part 4: Acceptance of reprofiling rails in switches and crossings

EN 13232-2:2003/FprA1 en
Railway applications – Track – Switches and crossings – Part 2: Requirements for geometric design

EN 13232-3:2003/FprA1 en
Railway applications – Track – Switches and crossings – Part 3: Requirements for wheel/rail interaction

EN 13232-4:2005/FprA1 en
Railway applications – Track – Switches and crossings – Part 4: Actuation, locking and detection

EN 13232-5:2005/FprA1 en
Railway applications – Track – Switches and crossings – Part 5: Switches

EN 13232-6:2005/FprA1 en
Railway applications – Track – Switches and crossings – Part 6: Fixed common and obtuse crossings

EN 13232-7:2006/FprA1 en
Railway applications – Track – Switches and crossings – Part 7: Crossings with moveable parts

EN 13232-8:2007/FprA1 en
Railway applications – Track – Switches and crossings – Part 8: Expansion devices

EN 13232-9:2006/FprA1 en
Railway applications – Track – Switches and crossings – Part 9: Layouts

- EN 14033-3:2009/FprA1 en
Railway applications — Track — Railbound construction and maintenance machines — Part 3: General safety requirements
- EN 15746-1:2010/FprA1 en
Railway applications — Track — Road-rail machines and associated equipment — Part 1: Technical requirements for running and working
- EN 15746-2:2010/FprA1 en
Railway applications — Track — Road-rail machines and associated equipment — Part 2: General safety requirements
- prEN 16272-1 en
Railway applications — Track — Noise barriers and related devices acting on airborne sound propagation — Test method for determining the acoustic performance — Part 1: Intrinsic characteristics — Sound absorption in the laboratory under diffuse sound field conditions
- prEN 16272-2 en
Railway applications — Track — Noise barriers and related devices acting on airborne sound propagation — Test method for determining the acoustic performance — Part 2: Intrinsic characteristics — Airborne sound insulation in the laboratory under diffuse sound field conditions
- prEN 16272-3-1 en
Railway applications — Track — Noise barriers and related devices acting on airborne sound propagation — Test method for determining the acoustic performance — Part 3-1: Normalized railway noise spectrum and single number ratings for diffuse field applications
- prEN 16273 en
Railway applications — Track — Forged rail transitions
- prEN 16286-1 en
Railway applications — Gangway systems between vehicles — Part 1: Main applications

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

- prEN 13135 rev en
Cranes — Safety — Design — Requirements for equipment

HZN/TO 531, *Plastika i guma*

- prEN ISO 3673-2 en
Plastics — Epoxy resins — Part 2: Preparation of test specimens and determination of properties (ISO/DIS 3673-2:2011)
- ISO 4649:2010 en
Rubber, vulcanized or thermoplastic — Determination of abrasion resistance using a rotating cylindrical drum device
Guma i elastoplastomeri — Određivanje abrazijske otpornosti uređajem s rotirajućim cilindričnim bubnjem
- prEN ISO 4892-3 en
Plastics — Methods of exposure to laboratory light sources — Part 3: Fluorescent UV lamps (ISO/DIS 4892-3:2011)
- EN ISO 10350-1:2008/prA1 en
Plastics — Acquisition and presentation of comparable single-point data — Part 1: Moulding materials (ISO 10350-1:2008/DAMd 1)
- prEN ISO 17556 en
Determination of the ultimate aerobic biodegradability of plastics materials in soil by measuring the oxygen demand in a respirometer or the amount of carbon dioxide evolved (ISO/DIS 17556:2011)

- ISO 23529:2010 en
Rubber — General procedures for preparing and conditioning test pieces for physical test methods
Guma — Opći postupci pripreme i kondicioniranja ispitnih uzoraka za fizikalne ispitne metode
- ISO 23794:2010 en
Rubber, vulcanized or thermoplastic — Abrasion testing — Guidance
Guma i elastoplastomeri — Abrazijska ispitivanja — Upute

HZN/TO 535, *Agregati*

- FprEN 933-1 en
Tests for geometrical properties of aggregates — Part 1: Determination of particle size distribution — Sieving method
Ispitivanje geometrijskih svojstava agregata — 1.dio: Određivanje granulometrijskog sastava — Metoda sisanja
- FprEN 933-3 en
Tests for geometrical properties of aggregates — Part 3: Determination of particle shape — Flakiness index
Ispitivanja geometrijskih svojstava agregata — 3. dio: Određivanje oblika zrna — Indeks plosnatosti
- prEN 933-6 rev en
Tests for geometrical properties of aggregates — Part 6: Assessment of surface characteristics — Flow coefficient of aggregates
Ispitivanja geometrijskih svojstava agregata — 6. dio: Procjena značajka površina — Koeficijent protoka agregata

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

- prEN 1527 rev en
Building hardware — Hardware for sliding doors and folding doors — Requirements and test methods
Građevni okovi — Okovi za klizna i složiva vrata — Zahtjevi i ispitne metode
- prEN 12209 rev en
Building hardware — Mechanically operated locks and locking plates — Requirements and test methods
Građevni okovi — Mehaničke brave i pločice za zaključavanje — Zahtjevi i metode ispitivanja

HZN/TO 539, *Kemijski dezinficijensi i antiseptici*

- prEN 1499 rev en
Chemical disinfectants and antiseptics — Hygienic handwash — Test method and requirements (phase 2/step 2)
Kemijski dezinficijensi i antiseptici — Higijensko pranje ruku — Metoda testiranja i zahtjevi (faza 2, korak 2)
- prEN 1500 rev en
Chemical disinfectants and antiseptics — Hygienic handrub — Test method and requirements (phase 2/step 2)
Kemijski dezinficijensi i antiseptici — Higijensko utrljavanje u ruke — Metoda testiranja i zahtjevi (faza 2, korak 2)
- prEN 12353 rev en
Chemical disinfectants and antiseptics — Preservation of test organisms used for the determination of bactericidal (including Legionella), mycobactericidal, sporicidal, fungicidal and virucidal activity
Kemijski dezinficijensi i antiseptici — Čuvanje sojeva mikroorganizama koji se upotrebljavaju u određivanju bakterijske (uključujući Legionellu), mikobakterijske, sporične, fungicidne i virucidne aktivnosti

HZN/TO 543, *Poštanske usluge*

- prEN 13724 rev en
Postal services — Apertures of private letter boxes and letter plates — Requirements and test methods

HZN/TO 549, Svjetlo i rasvjeta

prEN 16268 en
Performance of reflecting surfaces for luminaires

HZN/TO 553, Predgotovljeni proizvodi

EN 14844:2006+A1:2008/FprA2 en
Precast concrete products – Box culverts
Predgotovljeni betonski proizvodi – Okvirni propusti

HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji

prEN 13774 rev en
Valves for gas distribution systems with maximum operating pressure less than or equal to 16 bar – Performance requirements

HZN/TO 560, Tekstilni proizvodi

ISO 2076:2010 en
Textiles – Man-made fibres – Generic names
Tekstil – Umjetna vlakna – Generički nazivi

ISO 7768:2009 en
Textiles – Test method for assessing the smoothness appearance of fabrics after cleansing
Tekstil – Metoda ispitivanja za procjenu glatkoće tkanine nakon čišćenja

ISO 7769:2009 en
Textiles – Test method for assessing the appearance of creases in fabrics after cleansing
Tekstil – Metoda ispitivanja za procjenu nabora tkanine nakon čišćenja

ISO 7770:2009 en
Textiles – Test method for assessing the smoothness appearance of seams in fabrics after cleansing
Tekstil – Metoda ispitivanja za procjenu glatkoće šavova na tkaninama nakon čišćenja

ISO 9867:2009 en
Textiles – Evaluation of the wrinkle recovery of fabrics – Appearance method
Tekstil – Vrednovanje oporavka tkanine nakon gužvanja – Metoda procjene izgleda

FprEN ISO 14184-1 en
Textiles – Determination of formaldehyde – Part 1: Free and hydrolysed formaldehyde (water extraction method) (ISO/FDIS 14184-1:2011)

FprEN ISO 14184-2 en
Textiles – Determination of formaldehyde – Part 2: Released formaldehyde (vapour absorption method) (ISO/FDIS 14184-2:2011)

ISO 22198:2006 en
Textiles – Fabrics – Determination of width and length
Tekstil – Tkanine – Određivanje širine i dužine

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

EN 12245:2009/FprA1 en
Transportable gas cylinders – Fully wrapped composite cylinders

HZN/TO 562, Alatni strojevi i alati

EN 12409:2008/FprA1 en
Plastics and rubber machines – Thermoforming machines – Safety requirements

HZN/TO 563, Sigurnost strojeva

FprEN 1034-3 en
Safety of machinery – Safety requirements for the design and construction of paper making and finishing machines – Part 3: Rereelers and winders

HZN/TO 564, Uljarice, biljna i životinjska ulja i masti

EN ISO 9167-1:1995 en
Rapeseed – Determination of glucosinolates content – Part 1: Method using high-performance liquid chromatography (ISO 9167-1:1992)
Repičino sjeme – Određivanje udjela glukozinolata – 1. dio: Metoda tekućinske kromatografije visokog učinka (ISO 9167-1:1992)

HZN/TO 569, Hrana za životinje

EN ISO 12099:2010 en
Animal feeding stuffs, cereals and milled cereal products – Guidelines for the application of near infrared spectrometry (ISO 12099:2010)

EN ISO 30024:2009 en
Animal feeding stuffs – Determination of phytase activity (ISO 30024:2009)

HZN/TO E2, Rotacijski strojevi

FprEN 60034-2-3:2011 en
Rotating electrical machines – Part 2-3: Specific test methods for determining losses and efficiency of converter-fed AC motors (IEC 60034-2-3:201X)

FprEN 60034-18-21:2011 en
Rotating electrical machines – Part 18-21: Functional evaluation of insulation systems – Test procedures for wire-wound windings – Thermal evaluation and classification (IEC 60034-18-21:201X)

FprEN 60034-18-31:2011 en
Rotating electrical machines – Part 18-31: Functional evaluation of insulation systems – Test procedures for form-wound windings – Thermal evaluation and classification of insulation systems used in rotating machines (IEC 60034-18-31:201X)

HZN/TO E9, Električna oprema za željeznicu

FprEN 50443:2011 en
Effects of electromagnetic interference on pipelines caused by high voltage a.c. electric traction systems and/or high voltage a.c. power supply systems

HZN/TO E10, Fluidi za primjenu u elektrotehnici

EN 61181:2007 en
Mineral oil-filled electrical equipment – Application of dissolved gas analysis (DGA) to factory tests on electrical equipment (IEC 61181:2007)

EN 61181:2007/FprA1:2011 en
Mineral oil-filled electrical equipment – Application of dissolved gas analysis (DGA) to factory tests on electrical equipment (IEC 61181:2007/A1:201X)

HZN/TO E14, Energetski transformatori

EN 50464-1:2007/FprAA:2011 en
Three-phase oil-immersed distribution transformers 50 Hz, from 50 kVA to 2500 kVA with highest voltage for equipment not exceeding 36 kV – Part 1: General requirements

EN 50464-4:2007/FprAA:2011 en
Three-phase oil-immersed distribution transformers 50 Hz, from 50 kVA to 2 500 kVA with highest voltage for equipment not exceeding 36 kV – Part 4: Requirements and tests concerning pressurised corrugated tanks

FprEN 60076-18:2011 en
Power transformers – Part 18: Measurement of frequency response (IEC 60076-18:201X)

HZN/TO E22, Energetska elektronika

FprEN 62477-1:2011 en
Safety requirements for power electronic converter systems and equipment – Part 1: General (IEC 62477-1:201X)

HZN/TO E23, Električni instalacijski pribor

EN 61535:2009/FprA1:2011 en
Installation couplers intended for permanent connection in fixed installations (IEC 61535:2009/A1:201X)

HZN/TO E31, Eksplozivne atmosfere

FprEN 60079-1:2011 en
Explosive atmospheres — Part 1: Equipment protection by flameproof enclosures “d” (IEC 60079-1:201X)

FprEN 60079-33:2011 en
Explosive atmospheres — Part 33: Equipment protection by special protection ‘s’ (IEC 60079-33:201X)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

EN 60598-2-13:2006/FprA1:2011 en
Luminaires — Part 2-13: Particular requirements — Ground recessed luminaires (IEC 60598-2-13:2006/A1:201X)

HZN/TO E55, Žice za namote

FprEN 60317-2:2011 en
Specifications for particular types of winding wires — Part 2: Solderable polyurethane enamelled round copper wire, class 130, with a bonding layer (IEC 60317-2:201X)

EN 60317-48:2000/FprA1:2011 en
Specifications for particular types of winding wires — Part 48: Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire, temperature index 155 (IEC 60317-48:1999/A1:201X)

FprEN 60851-6:2011 en
Winding wires — Test methods — Part 6: Thermal properties (IEC 60851-6:201X)

HZN/TO E56, Pouzdanost

FprEN 61710:2011 en
Power law model — Goodness-of-fit tests and estimation methods (IEC 61710:201X)

HZN/TO E57, Upravljanje energetske sustavom i pridružene komunikacije

FprEN 62488-1:2011 en
Power line communication systems for power utility applications — Part 1: Planning of analogue and digital power line carrier systems operating over EHV/HV/MV electricity grids (IEC 62488-1:201X)

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

EN 61514-2:2004/FprA1:2011 en
Industrial process control systems — Part 2: Methods of evaluating the performance of intelligent valve positioners with pneumatic outputs (IEC 61514-2:2004/A1:201X)

HZN/TO E72, Naprave za automatsko upravljanje u kućanstvu

FprEN 60730-1:2011 en
Automatic electrical controls for household and similar use — Part 1: General requirements (IEC 60730-1:2010, MOD)

HZN/TO E76, Sigurnost optičkoga zračenja i laserska oprema

prEN 60601-2-22:2007 en
Medical electrical equipment — Part 2-22: Particular requirements for basic safety and essential performance of surgical, therapeutic and diagnostic laser equipment (IEC 60601-2-22:2007)

prEN 60601-2-22:2007/FprA1:2011 en
Medical electrical equipment — Part 2-22: Particular requirements for basic safety and essential performance of surgical, therapeutic and diagnostic laser equipment (IEC 60601-2-22:2007/A1:201X)

EN 60601-2-57:2011 en
Medical electrical equipment — Part 2-57: Particular requirements for basic safety and essential performance of non-laser light source equipment intended for therapeutic, diagnostic, monitoring and cosmetic/aesthetic use (IEC 60601-2-57:2011)

Medicinska električna oprema — Dio 2-57: Posebni zahtjevi za temeljnu sigurnost i bitne značajke opreme sa svjetlosnim izvorima koji nisu laseri, a koja je namijenjena za uporabu u terapijske, dijagnostičke, promatračke i kozmetičke/estetske svrhe (IEC 60601-2-57:2011)

EN 60825-4:2006/A2:2011 en
Safety of laser products — Part 4: Laser guards (IEC 60825-4:2006/am2:2011)
Sigurnost laserskih proizvoda — 4. dio: Zaštita od lasera (IEC 60825-4:2006/am2:2011)

HZN/TO E78, Rad pod naponom

FprEN 60900:2011 en
Live working — Hand tools for use up to 1000 V a.c. and 1500 V d.c. (IEC 60900:201X)

HZN/TO E108, Sigurnost elektroničke opreme u području audio, video, informacijske i komunikacijske tehnologije

FprEN 62075:2011 en
Audio/video, information and communication technology equipment — Environmentally conscious design (IEC 62075:201X)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

CLC/TR 50485:2010 en
Electromagnetic compatibility — Emission measurements in fully anechoic chambers
Elektromagnetska kompatibilnost — Mjerenje emisije u potpuno gluhim komorama

CLC/TR 50538:2010 en
Guide to EMC Directive conformity of equipment designed for military purposes
Upute za sukladnost opreme za vojnu primjenu s EMC direktivom

EN 55016-2-1:2009/A1:2011 en
Specification for radio disturbance and immunity measuring apparatus and methods — Part 2-1: Methods of measurement of disturbances and immunity — Conducted disturbance measurements (CISPR 16-2-1:2008/am1:2010)
Specifikacija uređaja i metoda za mjerenja radiosmetnja i otpornosti — Dio 2-1: Metode mjerenja smetnja i otpornosti — Mjerenja vođenih smetnja (CISPR 16-2-1:2008/am1:2010)

EN 55016-2-2:2011 en
Specification for radio disturbance and immunity measuring apparatus and methods — Part 2-2: Methods of measurement of disturbances and immunity — Measurement of disturbance power (CISPR 16-2-2:2010)
Specifikacija uređaja i metoda za mjerenja radiosmetnja i otpornosti — Dio 2-2: Metode mjerenja smetnja i otpornosti — Mjerenje snage smetnje (CISPR 16-2-2:2010)

EN 55022:2010 en
Information technology equipment — Radio disturbance characteristics — Limits and methods of measurement (CISPR 22:2008, MOD)
Uređaji informatičke tehnike — Značajke radiosmetnja — Granice i metode mjerenja (CISPR 22:2008, MOD)

- EN 55022:2006/A2:2010 en
Information technology equipment – Radio disturbance characteristics – Limits and methods of measurement (CISPR 22:2005/am2:2006, MOD)
Uređaji informatičke tehnike – Značajke radiosmetnja – Granice i metode mjerenja (CISPR 22:2005/am2:2006, MOD)
- EN 61000-4-16:1998/A2:2011 en
Electromagnetic compatibility (EMC) – Part 4-16: Testing and measurement techniques – Test for immunity to conducted, common mode disturbances in the frequency range 0 Hz to 150 kHz (IEC 61000-4-16:1998/am2:2009)
Elektromagnetska kompatibilnost (EMC) – Dio 4-16: Ispitne i mjerne tehnike – Ispitivanje otpornosti na vodljive asimetrične smetnje u frekvencijskome opsegu od 0 Hz do 150 kHz (IEC 61000-4-16:1998/am2:2009)
- EN 61000-4-21:2011 en
Electromagnetic compatibility (EMC) – Part 4-21: Testing and measurement techniques – Reverberation chamber test methods (IEC 61000-4-21:2011)
Elektromagnetska kompatibilnost (EMC) – Dio 4-21: Ispitne i mjerne tehnike – Metode ispitivanja u odbijajućim komorama (IEC 61000-4-21:2011)
- EN 61000-4-22:2011 en
Electromagnetic compatibility (EMC) – Part 4-22: Testing and measurement techniques – Radiated emission and immunity measurements in fully anechoic rooms (FARs) (IEC 61000-4-22:2010)
Elektromagnetska kompatibilnost (EMC) – Ispitne i mjerne tehnike – Mjerenje emisije i otpornosti u potpuno gluhim komorama (IEC 61000-4-22:2010)
- EN 61000-4-3:2006/A2:2010 en
Electromagnetic compatibility (EMC) – Part 4-3: Testing and measurement techniques – Radiated, radio-frequency, electromagnetic field immunity test (IEC 61000-4-3:2006/am2:2010)
Elektromagnetska kompatibilnost (EMC) – Dio 4-3: Ispitne i mjerne tehnike – Ispitivanje otpornosti na zračena radiofrekvencijska elektromagnetska polja (IEC 61000-4-3:2006/am2:2010)
- EN 61000-6-3:2007/A1:2011 en
Electromagnetic compatibility (EMC) – Part 6-3: Generic standards – Emission standard for residential, commercial and light-industrial environments (IEC 61000-6-3:2006/am1:2010)
Elektromagnetska kompatibilnost (EMC) – Dio 6-3: Norme srodnih područja – Norma emisije za stambenu, poslovnu i lakoindustrijsku okolinu (IEC 61000-6-3:2006/am1:2010)
- EN 61000-6-4:2007/A1:2011 en
Electromagnetic compatibility (EMC) – Part 6-4: Generic standards – Emission standard for industrial environments (IEC 61000-6-4:2006/am1:2010)
Elektromagnetska kompatibilnost (EMC) – Dio 6-4: Norme srodnih područja – Norma emisije za industrijsku okolinu (IEC 61000-6-4:2006/am1:2010)
- EN 50173-2:2007/A1:2010 en
Information technology – Generic cabling systems – Part 2: Office premises
Informacijska tehnologija – Generički sustavi kabliranja – 2. dio: Uredski prostori
- EN 50173-2:2007/A1:2010/AC:2011 en
Information technology – Generic cabling systems – Part 2: Office premises
Informacijska tehnologija – Generički sustavi kabliranja – 2. dio: Uredski prostori
- EN 50173-3:2007/A1:2010 en
Information technology – Generic cabling systems – Part 3: Industrial premises
Informacijska tehnologija – Generički sustavi kabliranja – 3. dio: Industrijski prostori
- EN 50173-3:2007/A1:2010/AC:2011 en
Information technology – Generic cabling systems – Part 3: Industrial premises
Informacijska tehnologija – Generički sustavi kabliranja – 3. dio: Industrijski prostori
- EN 50173-4:2007/A1:2010 en
Information technology – Generic cabling systems – Part 3: Homes
Informacijska tehnologija – Generički sustavi kabliranja – 3. dio: Stambeni prostori
- EN 50173-4:2007/A1:2010/AC:2011 en
Information technology – Generic cabling systems – Part 3: Homes
Informacijska tehnologija – Generički sustavi kabliranja – 3. dio: Stambeni prostori
- EN 50173-5:2007/A1:2010 en
Information technology – Generic cabling systems – Part 3: Data centres
Informacijska tehnologija – Generički sustavi kabliranja – 3. dio: Podatkovni centri
- EN 50173-5:2007/A1:2010/AC:2011 en
Information technology – Generic cabling systems – Part 3: Data centres
Informacijska tehnologija – Generički sustavi kabliranja – 3. dio: Podatkovni centri
- EN 50174-1:2009/A1:2011 en
Information technology – Cabling installation – Part 1: Installation specification and quality assurance
Informacijska tehnologija – Instalacija kabliranja – 1. dio: Specifikacija instalacije i osiguranje kvalitete
- EN 50174-2:2009/A1:2011 en
Information technology – Cabling installation – Part 2: Installation planning and practices inside buildings
Informacijska tehnologija – Instalacija kabliranja – 2. dio: Planiranje instalacije i instalacijska praksa unutar zgrada
- EN 50174-2:2009/A1:2011/AC:2011 en
Information technology – Cabling installation – Part 2: Installation planning and practices inside buildings
Informacijska tehnologija – Instalacija kabliranja – 2. dio: Planiranje instalacije i instalacijska praksa unutar zgrada
- EN 50310:2010 en
Application of equipotential bonding and earthing in buildings with information technology equipment
Primjena izjednačenja potencijala i uzemljenja u zgradama s opremom informacijske tehnologije

HZN/TO E502, *Elektrotehnički aspekti telekomunikacijske opreme*

- ISO/IEC 14763-3:2011 en
Information technology – Implementation and operation of customer premises cabling – Part 3: Testing of optical fibre cabling
Informacijska tehnologija – Izvedba i pogon kabliranja korisničkih prostora – 3. dio: Ispitivanje svjetlovodnog kabliranja
- ISO/IEC/TR 29125:2010 en
Information technology – Telecommunications cabling requirements for remote powering of terminal equipment
Informacijska tehnologija – Zahtjevi na telekomunikacijsko kabliranje za daljinsko napajanje terminalne opreme

HZN/TO Z1, *Informacijska tehnologija*

- prEN 14169-1 en
Protection profiles for secure signature creation device – Part 1: Overview
- prEN 16248-1 en
Security requirements for device for authentication – Part 1: Protection profile for core functionality

- prEN 16248-2 en
Security requirements for device for authentication – Part 2: Protection profile for extension for trusted channel to certificate generation application
- prEN 16248-3 en
Security requirements for device for authentication – Part 3: Additional functionality for security targets

HZN/TO Z2, Ocjenjivanje sukladnosti i akreditacija

- prEN ISO/IEC 17024 en
Conformity assessment – General requirements for bodies operating certification of persons (ISO/IEC/DIS 17024:2011)

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

- prEN 892 rev en
Mountaineering equipment – Dynamic mountaineering ropes – Safety requirements and test methods

HZN/TU I2, Strojarstvo 2

- EN ISO 9856:2003/prA1 en
Conveyor belts – Determination of elastic and permanent elongation and calculation of elastic modulus (ISO 9856:2003/DAM 1:2011)

HZN/TU N1, Nemetalni materijali 1

- prEN ISO 1927-1 en
Unshaped (monolithic) refractory products – Part 1: Introduction and classification (ISO/DIS 1927-1:2011)
- prEN ISO 14720-1 en
Testing of ceramic raw and basic materials – Determination of sulfur in powders and granules of non-oxidic ceramic raw and basic materials – Part 1: Infrared measurement methods (ISO/DIS 14720-1:2011)
- prEN ISO 14720-2 en
Testing of ceramic raw and basic materials – Determination of sulfur in powders and granules of non-oxidic ceramic raw and basic materials – Part 2: Inductively coupled plasma atomic emission spectrometry (ICP/AES) or ion chromatography after burning in an oxygen flow (ISO/DIS 14720-2:2011)

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

- EN 455-2:2009+A1:2011 en
Medical gloves for single use – Part 2: Requirements and testing for physical properties
- FprEN ISO 8536-5 en
Infusion equipment for medical use – Part 5: Burette infusion sets for single use, gravity feed (ISO 8536-5:2004)

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

- EN 2240-051:2011 en
Aerospace series – Lamps, incandescent – Part 051: Lamp, code 1163 – Product standard
- EN 2240-052:2011 en
Aerospace series – Lamps, incandescent – Part 052: Lamp, code 1222 – Product standard
- EN 2240-053:2011 en
Aerospace series – Lamps, incandescent – Part 053: Lamp, code 1308 – Product standard
- EN 2240-054:2011 en
Aerospace series – Lamps, incandescent – Part 054: Lamp, code 1317 – Product standard
- EN 2240-055:2011 en
Aerospace series – Lamps, incandescent – Part 055: Lamp, code 1495 – Product standard

- EN 2240-056:2011 en
Aerospace series – Lamps, incandescent – Part 056: Lamp, code 1506 – Product standard
- EN 2240-057:2011 en
Aerospace series – Lamps, incandescent – Part 057: Lamp, code 1512 – Product standard
- EN 2240-058:2011 en
Aerospace series – Lamps, incandescent – Part 058: Lamp, code 1524 – Product standard
- EN 2240-059:2011 en
Aerospace series – Lamps, incandescent – Part 059: Lamp, code 1591 – Product standard
- EN 2240-060:2011 en
Aerospace series – Lamps, incandescent – Part 060: Lamp, code 1619 – Product standard
- EN 2481:2010 en
Aerospace series – Steel FE-PL2108 (36NiCrMo16) – $1250 \text{ MPa} \leq R_m \leq 1400 \text{ MPa}$ – Forgings – $D_e \leq 75 \text{ mm}$
- EN 2482:2010 en
Aerospace series – Steel FE-PL2108 (36NiCrMo16) – $1100 \text{ MPa} \leq R_m \leq 1300 \text{ MPa}$ – Bars – $D_e \leq 100 \text{ mm}$
- EN 2483:2010 en
Aerospace series – Steel FE-PL2108 (36NiCrMo16) – $1100 \text{ MPa} \leq R_m \leq 1300 \text{ MPa}$ – Forgings – $D_e \leq 100 \text{ mm}$
- EN 2826:2011 en
Aerospace series – Burning behaviour of non metallic materials under the influence of radiating heat and flames – Determination of gas components in the smoke
- EN 3155-033:2009 en
Aerospace series – Electrical contacts used in elements of connection – Part 033: Contacts, electrical, coaxial, 50 ohms, size 5, female, type D, crimp, class R – Product standard
- EN 3155-064:2009 en
Aerospace series – Electrical contacts used in elements of connection – Part 064: Contacts, electrical, coaxial, 50 ohms, size 1, female, type D, solder, class R – Product standard
- EN 3155-074:2009 en
Aerospace series – Electrical contacts used in elements of connection – Part 074: Contacts, electrical, quadrax, size 8, male, type E, crimp, class R – Product standard
- EN 3155-075:2009 en
Aerospace series – Electrical contacts used in elements of connection – Part 075: Contacts, electrical, quadrax, size 8, female, type E, crimp, class R – Product standard
- EN 3687:2010 en
Aerospace series – Bolts, normal hexagon head, relieved shank, long thread, in heat resisting steel FE-PA92HT (A286), silver plated – Classification: $1100 \text{ MPa}/650 \text{ }^\circ\text{C}$
- EN 4604-001:2009 en
Aerospace series – Cable, electrical, for signal transmission – Part 001: Technical specification
- EN 4641-001:2009 en
Aerospace series – Cables, optical, 125 μm diameter cladding – Part 001: Technical specification
- EN 4655:2010 en
Aerospace series – Steel FE-PM1506 (X1CrNiMoAlTi12-10-2) – Vacuum induction melted and consumable electrode remelted – Solution treated and precipitation treated – Bars – a or $D \leq 200 \text{ mm}$ – $R_m \geq 1400 \text{ MPa}$

- EN 4656:2010 en
Aerospace series — Steel FE-PM1507
(X1CrNiMoAlTi12-11-2) — Vacuum induction melted and consumable electrode remelted — Solution treated and precipitation treated — Bars — a or D ≤ 200 mm — R_m ≥ 1520 MPa
- EN 4657:2010 en
Aerospace series — Steel FE-PM1507
(X1CrNiMoAlTi12-11-2) — Vacuum induction melted and consumable electrode remelted — Solution treated and precipitation remelted — Bars — a or D < 200 mm — R_m > 1650 MPa
- EN 4658:2010 en
Aerospace series — Steel FE-PM1507
(X1CrNiMoAlTi12-11-2) — Vacuum induction melted and consumable electrode remelted — Solution treated and precipitation treated — Forgings — a or D ≤ 200 mm — R_m ≥ 1520 MPa
- EN 4660-001:2011 en
Aerospace series — Modular and Open Avionics Architectures — Part 001: Architecture
- EN 4660-002:2011 en
Aerospace series — Modular and Open Avionics Architectures — Part 002: Common Functional Modules
- EN 4660-003:2011 en
Aerospace series — Modular and Open Avionics Architectures — Part 003: Communications/Network
- EN 4660-004:2011 en
Aerospace series — Modular and Open Avionics Architectures — Part 004: Packaging
- EN 4670:2010 en
Aerospace series — Steel FE-PM1507
(X1CrNiMoAlTi12-11-2) — Vacuum induction melted and consumable electrode remelted — Softened — Forging stock — a or D ≤ 300 mm
- EN 4671:2010 en
Aerospace series — Steel FE-PM1506
(X1CrNiMoAlTi12-10-2) — Vacuum induction melted and consumable electrode remelted — Solution treated and precipitation treated — Forgings — a or D ≤ 200 mm — R_m ≥ 1400 MPa

HZNTU U1, Opća elektrotehnika 1

- FprEN 60068-2-78:2011 en
Environmental testing — Part 2-78: Tests — Test Cab: Damp heat, steady state (IEC 60068-2-78:201X)
- FprEN 60404-15:2011 en
Magnetic materials — Part 15: Methods for the determination of the relative magnetic permeability of feebly magnetic materials (IEC 60404-15:201X)
- FprEN 60721-2-1:2011 en
Classification of environmental conditions — Part 2-1: Environmental conditions appearing in nature — Temperature and humidity (IEC 60721-2-1:201X)
- FprEN 60721-2-2:2011 en
Classification of environmental conditions — Part 2-2: Environmental conditions appearing in nature — Precipitation and wind (IEC 60721-2-2:201X)
- FprEN 60721-2-3:2011 en
Classification of environmental conditions — Part 2-3: Environmental conditions appearing in nature — Air pressure (IEC 60721-2-3:201X)

HZNTU V1, Elektronika 1

- FprEN 60294:2011 en
Measurement of the dimensions of a cylindrical component with axial terminations (IEC 60294:201X)
- FprEN 60301:2011 en
Preferred diameters of wire terminations of capacitors and resistors (IEC 60301:201X)

- FprEN 60352-5:2011 en
Solderless connections — Part 5: Press-in connections — General requirements, test methods and practical guidance (IEC 60352-5:201X)
- FprEN 60717:2011 en
Method for the determination of the space required by capacitors and resistors with unidirectional terminations (IEC 60717:201X)
- FprEN 61249-4-18:2011 en
Materials for printed boards and other interconnecting structures — Part 4-18: Sectional specification set for prepreg materials, unclad (for the manufacture of multilayer boards) — High performance epoxide woven E-glass prepreg of defined flammability (vertical burning test) for lead-free assembly (IEC 61249-4-18:201X)
- FprEN 61249-4-19:2011 en
Materials for printed boards and other interconnecting structures — Part 4-19: Sectional specification set for prepreg materials, unclad (for the manufacture of multilayer boards) — High performance non-halogenated epoxide woven E-glass prepreg of defined flammability (vertical burning test) for lead-free assembly (IEC 61249-4-19:201X)
- FprEN 61747-6-1:2011 en
Liquid crystal display devices — Part 6-1: Measuring methods for liquid crystal display modules — Transmissive type (IEC 61747-6-1:201X)
- FprEN 62341-5-2:2011 en
Organic Light Emitting Diode (OLED) displays — Part 5-2: Mechanical endurance test methods (IEC 62341-5-2:201X)
- FprEN 62341-6-3:2011 en
Organic light emitting diode (OLED) displays — Part 6-3: Measuring methods of image quality (IEC 62341-6-3:201X)
- FprEN 62396-1:2011 en
Process management for avionics — Atmospheric radiation effects — Part 1: Accommodation of atmospheric radiation effects via single event effects within avionics electronic equipment (IEC 62396-1:201X)
- FprEN 62548:2011 en
Design requirements for photovoltaic (PV) arrays (IEC 62548:201X)

HZNTU W1, Energetska elektrotehnika 1

- EN 50342-1:2006/FprAA:2011 en
Lead-acid starter batteries — Part 1: General requirements and methods of test
- FprEN 62282-6-200:2011 en
Fuel cell technologies — Part 6-200: Micro fuel cell power systems — Performance test methods (IEC 62282-6-200:201X)

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 28, *Naftni proizvodi i maziva*

HRN ISO/TR 9494:2005 en

Naftne tekućine – Automatsko uzorkovanje cjevovoda – Statistička procjena učinkovitosti uređaja za automatsko uzorkovanje određivanjem sadržaja vode u tekućim ugljikovodicima (ISO/TR 9494:1997)
Petroleum liquids – Automatic pipeline sampling – Statistical assessment of performance of automatic samplers determining the water content in hydrocarbon liquids (ISO/TR 9494:1997)
- bez zamjene

HRN ISO 13689:2003 en

Pothlađeni laki ugljikovodici – Mjerenje razine tekućine u spremnicima koji sadrže ukapljene plinove – Mikrovalno mjerilo razine (ISO 13689:2001)
Refrigerated light hydrocarbon fluids – Measurement of liquid levels in tanks containing liquefied gases – Microwave-type level gauge (ISO 13689:2001)
- zamijenjena s: HRN ISO 18132-1:2009

HRN EN ISO 20884:2004 en

Naftni proizvodi – Određivanje sadržaja sumpora u gorivima za motorna vozila – Valno disperzivna rendgenska fluorescentna spektrometrija (ISO 20884:2004; EN ISO 20884:2004)
Petroleum products – Determination of sulfur content of automotive fuels – Wavelength-dispersive X-ray fluorescence spectrometry (ISO 20884:2004; EN ISO 20884:2004)
- zamijenjena s: HRN EN ISO 20884:2011

HZN/TO 71, *Beton*

HRN EN 480-1:2007 en

Dodatci betonu, mortu i mortu za injektiranje – Ispitne metode – 1. dio: Referentni beton i referentni mort za ispitivanje (EN 480-1:2006)
Admixtures for concrete, mortar and grout – Test methods – Part 1: Reference concrete and reference mortar for testing (EN 480-1:2006)
- zamijenjena s: HRN EN 480-1:2011

HRN EN 480-13:2010 en

Dodaci betonu, mortu i smjesi za injektiranje – Metode ispitivanja – 13. dio: Referencijski mort za zidanje za ispitivanje dodataka mortu (EN 480-13:2009)
Admixtures for concrete, mortar and grout – Test methods – Part 13: Reference masonry mortar for testing mortar admixtures (EN 480-13:2009)
- zamijenjena s: HRN EN 480-13:2011

HZN/TO 74, *Cement i vapno*

HRN EN 196-5:2005 en

Metode ispitivanja cementa – 5. dio: Ispitivanje pucolaniteta za pucolanske cemente (EN 196-5:2005)
Methods of testing cement – Part 5: Pozzolanicity test for pozzolanic cement (EN 196-5:2005)
- zamijenjena s: HRN EN 196-5:2011

HRN EN 413-1:2007 hr

Zidarski cement – 1. dio: Sastav, specifikacije i kriteriji sukladnosti (EN 413-1:2004)
Masonry cement – Part 1: Composition, specifications and conformity criteria (EN 413-1:2004)
- zamijenjena s: HRN EN 413-1:2011

HZN/TO 136, *Namještaj*

HRN EN 527-1:2001 en

Uredski namještaj – Radni stolovi i pultovi – 1. dio: Dimenzije (EN 527-1:2000)
Office furniture – Work tables and desks – Part 1: Dimensions (EN 527-1:2000)
- zamijenjena s: HRN EN 527-1:2011

HRN EN 527-1:2001/Ispr.1:2008 en

Uredski namještaj – Radni stolovi i pultovi – 1. dio: Dimenzije (EN 527-1:2000/AC:2002)
Office furniture – Work tables and desks – Part 1: Dimensions (EN 527-1:2000/AC:2002)
- zamijenjena s: HRN EN 527-1:2011

HRS CEN/TS 15185:2008 en

Namještaj – Procjena otpornosti površine na habanje (CEN/TS 15185:2005)
Furniture – Assessment of the surface resistance to abrasion (CEN/TS 15185:2005)
- zamijenjena s: HRN EN 15185:2011

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

HRN ISO 4440-1:2000 en

Plastomerne cijevi i spojnice – Određivanje masenog protoka taljevine (MFR) – 1. dio: Ispitna metoda (ISO 4440-1:1994)
Thermoplastics pipes and fittings – Determination of the melt mass-flow rate (MFR) – Part 1: Test method (ISO 4440-1:1994)
- bez zamjene

HRN ISO 4440-2:2000 en

Plastomerne cijevi i spojnice – Određivanje masenog protoka taljevine (MFR) – 2. dio: Uvjeti ispitivanja (ISO 4440-2:1994)
Thermoplastics pipes and fittings – Determination of the melt mass-flow rate (MFR) – Part 2: Test conditions (ISO 4440-2:1994)
- bez zamjene

HZN/TO 146, *Kvaliteta zraka*

HRN ISO 8762:1997 en

Radna atmosfera – Određivanje vinil klorida – Cjevčica s aktivnim ugljenom/plinska kromatografija (ISO 8762:1988)
Work-place air – Determination of vinyl chloride – Charcoal tube/gas chromatographic method (ISO 8762:1988)
- bez zamjene

HZN/TO 165, *Drvene konstrukcije*

HRN EN 14081-1:2006 en

Drvene konstrukcije – Konstrukcijsko drvo pravokutnoga poprečnog presjeka razvrstano prema čvrstoći – 1. dio: Opći zahtjevi (EN 14081-1:2005)
Timber structures – Strength graded structural timber with rectangular cross section – Part 1: General requirements (EN 14081-1:2005)
- zamijenjena s: HRN EN 14081-1:2011

HZN/TO 172, *Optika i optički instrumenti*

HRN EN ISO 11146:2008 en

Laseri i pridružena oprema – Ispitne metode za parametre laserskog snopa – Širine snopa, kut divergencije i faktor prostiranja snopa (ISO 11146:1999; EN ISO 11146:1999)
Lasers and laser-related equipment – Test methods for laser beam parameters – Beam widths, divergence angle and beam propagation factor (ISO 11146:1999; EN ISO 11146:1999)
- zamijenjena s: HRN EN ISO 11146-1:2008

HRN EN ISO 13212:2008 en

Oftalmološka optika – Proizvodi za održavanje kontaktnih leća – Smjernice za određivanje roka uporabe (ISO 13212:1999; EN ISO 13212:1999)

Ophthalmic optics – Contact lens care products – Guidelines for the determination of shelf-life (ISO 13212:1999; EN ISO 13212:1999)
- zamijenjena s: HRN EN ISO 13212:2011

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

HRN CEN/TS 81-29:2006 en
Sigurnosna pravila za konstrukciju i ugradnju dizala – Dizala za prijevoz osoba i tereta – 29. dio: Objašnjenja vezana za norme od EN 81-20 do EN 81-28 (uključene EN 81-1:1998 i EN 81-2:1998) (CEN/TS 81-29:2004)
Safety rules for the construction and installation of lifts – Lifts for the transport of persons and goods – Part 29: Interpretations related to EN 81-20 up to EN 81-28 (includes EN 81-1:1998 and EN 81-2:1998) (CEN/TS 81-29:2004)
- bez zamjene

HZN/TO 217, Kozmetika

HRN ISO 16212:2009 en
Kozmetika – Mikrobiologija – Brojenje kvasaca i plijesni (ISO 16212:2008)
Cosmetics – Microbiology – Enumeration of yeast and mould (ISO 16212:2008)
- zamijenjena s: HRN EN ISO 16212:2011

HRN ISO 18415:2007 en
Kozmetika – Mikrobiologija – Određivanje specificiranih i nespecificiranih mikroorganizama (ISO 18415:2007)
Cosmetics – Microbiology – Detection of specified and non-specified microorganisms (ISO 18415:2007)
- zamijenjena s: HRN EN ISO 18415:2011

HZN/TO 218, Drvo

HRN EN 13228:2008 en
Wood flooring – Solid wood overlay flooring elements including blocks with an interlocking system (EN 13228:2002+AC:2007)
- zamijenjena s: HRN EN 13228:2011

HRN EN 13647:2008 en
Wood and parquet flooring and wood panelling and cladding – Determination of geometrical characteristics (EN 13647:2002)
- zamijenjena s: HRN EN 13647:2011

HZN/TO 502, Plinski uređaji

HRN EN 161:2008 en
Automatski zaporni ventili (zatvoreno-otvoreno) za plinske plamenike i plinske uređaje (EN 161:2007)
Automatic shut-off valves for gas burners and gas appliances (EN 161:2007)
- zamijenjena s: HRN EN 161:2011

HZN/TO 518, Podovi, stropovi i zidne obloge

HRN EN 12859:2008 en
Gipsani blokovi – Definicije, zahtjevi i ispitne metode (EN 12859:2008)
Gypsum blocks – Definitions, requirements and test methods (EN 12859:2008)
- zamijenjena s: HRN EN 12859:2011

HZN/TO 522, Karakterizacija i zbrinjavanje otpada

HRN CR 13097:2005 en
Karakterizacija muljeva – Dobra praksa za primjenu u poljoprivredi (CR 13097:2001)
Characterization of sludges – Good practice for utilisation in agriculture (CR 13097:2001)
- zamijenjena s: HRI CEN/TR 13097:2011

HRI CR 13714:2008 en
Karakterizacija mulja – Gospodarenje muljem u smislu uporabe ili odlaganja (CR 13714:2001)
Characterization of sludges – Sludge management in relation to use or disposal (CR 13714:2001)
- zamijenjena s: HRI CEN/TR 13714:2011

HZN/TO 528, Oprema za željeznice

HRN EN 15355:2009 en
Railway applications – Braking – Distributor valves and distributor-isolating devices (EN 15355:2008)
- zamijenjena s: HRN EN 15355:2011

HRN EN 15611:2009 en
Railway applications – Braking – Relay valves (EN 15611:2008)
- zamijenjena s: HRN EN 15611:2011

HRN EN 15612:2009 en
Railway applications – Braking – Brake pipe accelerator valve (EN 15612:2008)
- zamijenjena s: HRN EN 15612:2011

HRN EN 15624:2009 en
Railway applications – Braking – Empty-loaded changeover devices (EN 15624:2008)
- zamijenjena s: HRN EN 15624:2011

HRN EN 15625:2009 en
Railway applications – Braking – Automatic variable load sensing devices (EN 15625:2008)
- zamijenjena s: HRN EN 15625:2011

HZN/TO 531, Plastika i guma

HRN EN ISO 4641:2009 en
Gumena crijeva i crijevni sklopovi za usisavanje i ispuštanje vode – Specifikacija (ISO 4641:2005; EN ISO 4641:2008)
Rubber hoses and hose assemblies for water suction and discharge – Specification (ISO 4641:2005; EN ISO 4641:2008)
- zamijenjena s: HRN EN ISO 4641:2011

HRN EN ISO 6721-1:2008 en
Plastika – Određivanje dinamičkih mehaničkih svojstava – 1. dio: Opća načela (ISO 6721-1:2001; EN ISO 6721-1:2002)
Plastics – Determination of dynamic mechanical properties – Part 1: General principles (ISO 6721-1:2001; EN ISO 6721-1:2002)
- zamijenjena s: HRN EN ISO 6721-1:2011

HRN EN ISO 10350-2:2008 en
Plastika – Dobivanje i predstavljanje usporedivih pojedinačnih podataka – 2. dio: Plastika ojačana dugim vlaknima (ISO 10350-2:2001; EN ISO 10350-2:2001)
Plastics – Acquisition and presentation of comparable single-point data – Part 2: Long-fibre-reinforced plastics (ISO 10350-2:2001; EN ISO 10350-2:2001)
- zamijenjena s: HRN EN ISO 10350-2:2011

HRN EN ISO 15015:2008 en
Plastika – Ekstrudirane folije akrilonitril-stirenskih kopolimera modificirane žilavosti (ABS, AEPDS i ASA) – Zahtjevi i ispitne metode (ISO 15015:2007; EN ISO 15015:2007)
Plastics – Extruded sheets of impact-modified acrylonitrile-styrene copolymers (ABS, AEPDS and ASA) – Requirements and test methods (ISO 15015:2007; EN ISO 15015:2007)
- zamijenjena s: HRN EN ISO 15015:2011

HZN/TO 535, Agregati

HRN EN 1097-1:2004 en
Ispitivanja mehaničkih i fizikalnih svojstava agregata – 1. dio: Određivanje otpornosti na habanje (micro-Deval) (EN 1097-1:1996+A1:2003)
Tests for mechanical and physical properties of aggregates – Part 1: Determination of the resistance to wear (micro-Deval) (EN 1097-1:1996+A1:2003)
- zamijenjena s: HRN EN 1097-1:2011

HRN EN 1097-2:2004 en
Ispitivanja mehaničkih i fizikalnih svojstava agregata – 2. dio: Metode za određivanje otpornosti na drobljenje (EN 1097-2:1998)

Tests for mechanical and physical properties of aggregates — Part 2: Methods for the determination of resistance to fragmentation (EN 1097-2:1998)
- zamijenjena s: HRN EN 1097-2:2011

HRN EN 1097-2:2004/A1:2007 en
Ispitivanja mehaničkih i fizikalnih svojstava agregata — 2. dio: Metode za određivanje otpornosti na drobljenje (EN 1097-2:1998/A1:2006)
Tests for mechanical and physical properties of aggregates — Part 2: Methods for the determination of resistance to fragmentation (EN 1097-2:1998/A1:2006)
- zamijenjena s: HRN EN 1097-2:2011

HRN EN 1367-5:2004 en
Ispitivanja toplinskog i vremenskog utjecaja na svojstva agregata — 5. dio: Određivanje otpornosti na toplinski šok (EN 1367-5:2002)
Tests for thermal and weathering properties of aggregates — Part 5: Determination of resistance to thermal shock (EN 1367-5:2002)
- zamijenjena s: HRN EN 1367-5:2011

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

HRN EN 410:2003 en
Staklo u graditeljstvu — Određivanje svjetlosnih i sunčanih značajka ostakljenja (EN 410:1998)
Glass in building — Determination of luminous and solar characteristics of glazing (EN 410:1998)
- zamijenjena s: HRN EN 410:2011

HRN EN 673:2003 en
Staklo u graditeljstvu — Određivanje koeficijenta prolaska topline (U vrijednost) — Proračunska metoda (EN 673:1997+A1:2000+A2:2002)
Glass in building — Determination of thermal transmittance (U value) — Calculation method (EN 673:1997+A1:2000+A2:2002)
- zamijenjena s: HRN EN 673:2011

HRN EN 12758:2008 en
Glass in building — Glazing and airborne sound insulation — Product descriptions and determination of properties (EN 12758:2002)
- zamijenjena s: HRN EN 12758:2011

HRN EN 13241-1:2008 en
Industrijska, komercijalna, garažna i ostala ulazna vrata — Norma za proizvod — 1. dio: Proizvodi bez otpornosti na vatru ili svojstva kontrole dima (EN 13241-1:2003)
Industrial, commercial and garage doors and gates — Product standard — Part 1: Products without fire resistance or smoke control characteristics (EN 13241-1:2003)
- zamijenjena s: HRN EN 13241-1:2011

HZN/TO 548, Konstrukcijski eurokodovi

HRN EN 1990:2008 en
Eurokod: Osnove projektiranja konstrukcija (EN 1990:2002+A1:2005+AC:2008)
Eurocode: Basis of structural design (EN 1990:2002+A1:2005+AC:2008)
- zamijenjena s: HRN EN 1990:2011

HZN/TO 550, Opskrba vodom

HRN EN 1278:2005 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi — Ozon (EN 1278:1998)
Chemicals used for treatment of water intended for human consumption — Ozone (EN 1278:1998)
- zamijenjena s: HRN EN 1278:2011

HRN EN 12485:2007 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi — Kalcijev karbonat, vapno s visokim udjelom kalcija i polužareni dolomit — Ispitne metode (EN 12485:2001)

Chemicals used for treatment of water intended for human consumption — Calcium carbonate, high-calcium lime and half-burnt dolomite — Test methods (EN 12485:2001)
- zamijenjena s: HRN EN 12485:2011

HRN EN 13177:2007 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi — Metanol (EN 13177:2002)
Chemicals used for treatment of water intended for human consumption — Methanol (EN 13177:2002)
- zamijenjena s: HRN EN 13177:2011

HZN/TO 555, Medicinski proizvodi

HRN EN ISO 14160:2008 en
Sterilizacija jednokratnih medicinskih proizvoda uključujući tvari životinjskog podrijetla — Vrednovanje i rutinska kontrola sterilizacije s tekućim kemijskim sredstvima za sterilizaciju (ISO 14160:1998; EN ISO 14160:1998)
Sterilization of single-use medical devices incorporating materials of animal origin — Validation and routine control of sterilization by liquid chemical sterilants (ISO 14160:1998; EN ISO 14160:1998)
- zamijenjena s: HRN EN ISO 14160:2011

HZN/TO 556, Osobna zaštitna oprema

HRN EN 341:2001 en
Osobna zaštitna oprema protiv pada s visine — Naprave za spuštanje (EN 341:1992+A1:1996)
Personal protective equipment against falls from a height — Descender devices (EN 341:1992+A1:1996)
- zamijenjena s: HRN EN 341:2011

HRN EN 341:2001/AC:2006 en
Osobna zaštitna oprema protiv pada s visine — Naprave za spuštanje (EN 341:1992/AC:1993)
Personal protective equipment against falls from a height — Descender devices (EN 341:1992/AC:1993)
- zamijenjena s: HRN EN 341:2011

HRN EN 1868:2001 hr,en,fr,de
Osobna zaštitna oprema protiv pada s visine — Popis istovrijednih naziva (EN 1868:1997)
Personal protective equipment against falls from a height — List of equivalent terms (EN 1868:1997)
- zamijenjena s: HRN EN 1868:2011

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 3759:2008 en
Tekstilije — Priprema, označivanje i mjerenje uzoraka plošnih tekstila i odjevnih predmeta pri ispitivanju promjena dimenzija (ISO 3759:2007; EN ISO 3759:2008)
Textiles — Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change (ISO 3759:2007; EN ISO 3759:2008)
- zamijenjena s: HRN EN ISO 3759:2011

HRN ISO/TR 5090:2003 en
Tekstil — Metode za uklanjanje nevlaknatih primjesa prije kvantitativne analize smjese vlakana (ISO/TR 5090:1977)
Textiles — Methods for the removal of non fibrous matter prior to quantitative analysis of fibre mixtures (ISO/TR 5090:1977)
- zamijenjena s: HRN ISO 1833-1:2010

HZN/TO E9, Električna oprema za željeznicu

HRN EN 50119:2007
Željezničke primjene — Stabilna postrojenja — Nadzemni kontaktni vodovi u električnoj vuči (EN 50119:2001)
Railway applications — Fixed installations — Electric traction overhead contact lines (EN 50119:2001)
- zamijenjena s: HRN EN 50119:2011

- HRN EN 50121-1:2001
Željezničke primjene – Elektromagnetska kompatibilnost – 1. dio: Općenito (EN 50121-1:2000)
Railway applications – Electromagnetic compatibility – Part 1: General (EN 50121-1:2000)
- zamijenjena s: HRN EN 50121-1:2008
- HRN EN 50121-2:2001
Željezničke primjene – Elektromagnetska kompatibilnost – 2. dio: Emisija cjelokupnog željezničkog sustava u vanjski svijet (EN 50121-2:2000)
Railway applications – Electromagnetic compatibility – Part 2: Emission of the whole railway system to the outside world (EN 50121-2:2000)
- zamijenjena s: HRN EN 50121-2:2008
- HRN EN 50121-3-1:2001
Željezničke primjene – Elektromagnetska kompatibilnost – Dio 3-1: Željeznička vozila – Vlak i cijelo vozilo (EN 50121-3-1:2000)
Railway applications – Electromagnetic compatibility – Part 3-1: Rolling stock – Train and complete vehicle (EN 50121-3-1:2000)
- zamijenjena s: HRN EN 50121-3-1:2008
- HRN EN 50121-3-2:2001
Željezničke primjene – Elektromagnetska kompatibilnost – Dio 3-2: Željeznička vozila – Uređaji (EN 50121-3-2:2000)
Railway applications – Electromagnetic compatibility – Part 3-2: Rolling stock – Apparatus (EN 50121-3-2:2000)
- zamijenjena s: HRN EN 50121-3-2:2008
- HRN EN 50121-4:2001
Željezničke primjene – Elektromagnetska kompatibilnost – 4. dio: Emisija i otpornost signalnih i telekomunikacijskih uređaja (EN 50121-4:2000)
Railway applications – Electromagnetic compatibility – Part 4: Emission and immunity of the signalling and telecommunications apparatus (EN 50121-4:2000)
- zamijenjena s: HRN EN 50121-4:2008
- HRN EN 50121-5:2001
Željezničke primjene – Elektromagnetska kompatibilnost – 5. dio: Emisija i otpornost stabilnih postrojenja za napajanje i uređaja (EN 50121-5:2000)
Railway applications – Electromagnetic compatibility – Part 5: Emission and immunity of fixed power supply installations and apparatus (EN 50121-5:2000)
- zamijenjena s: HRN EN 50121-5:2008
- HRN EN 50122-1:2001
Željezničke primjene – Stabilna postrojenja – 1. dio: Zaštitne mjere koje se odnose na električnu sigurnost i uzemljenje (EN 50122-1:1997)
Railway applications – Fixed installations – Part 1: Protective provisions relating to electrical safety and earthing (EN 50122-1:1997)
- zamijenjena s: HRN EN 50122-1:2011
- HRN EN 50122-2:2001
Željezničke primjene – Stabilna postrojenja – 2. dio: Zaštitne mjere protiv učinaka lutajućih struja od istosmjernih sustava vuče (EN 50122-2:1998)
Railway applications – Fixed installations – Part 2: Protective provisions against the effects of stray currents by d.c. traction systems (EN 50122-2:1998)
- zamijenjena s: HRN EN 50122-2:2011
- HRN EN 50122-2:2001/A1:2008
Željezničke primjene – Stabilna postrojenja – 2. dio: Zaštitne mjere protiv učinka lutajućih struja iz istosmjernih sustava napajanja (EN 50122-2:1998/A1:2002)
Railway applications – Fixed installations – Part 2: Protective provisions against the effects of stray currents caused by d.c. traction systems (EN 50122-2:1998/A1:2002)
- zamijenjena s: HRN EN 50122-2:2011
- HRN EN 50152-1:2001
Željezničke primjene – Stabilna postrojenja – Posebni zahtjevi za rasklopna postrojenja izmjenične struje – 1. dio: Jednofazni prekidači s Um iznad 1kV (EN 50152-1:1997)
Railway applications – Fixed installations – Particular requirements for a.c. switchgear – Part 1: Single-phase circuit breakers with Um above 1kV (EN 50152-1:1997)
- zamijenjena s: HRN EN 50152-1:2008
- HRN EN 50152-2:2001
Željezničke primjene – Stabilna postrojenja – Posebni zahtjevi za rasklopna postrojenja izmjenične struje – 2. dio: Jednofazni rastavljači, zemljospojnici i sklopke s Um iznad 1kV (EN 50152-2:1997)
Railway applications – Fixed installations – Particular requirements for a.c. switchgear – Part 2: Single-phase disconnectors, earthing switches and switches with Um above 1kV (EN 50152-2:1997)
- zamijenjena s: HRN EN 50152-2:2008
- HRN EN 50155:2007
Željezničke primjene – Elektronička oprema na željezničkim vozilima (EN 50155:2001+A1:2002)
Railway applications – Electronic equipment used on rolling stock (EN 50155:2001+A1:2002)
- zamijenjena s: HRN EN 50155:2008
- HRN EN 50159-1:2001
Željezničke primjene – Komunikacijska i signalna tehnika i sustavi obrade podataka – 1. dio: Sigurnosno značajna komunikacija u zatvorenom prijenosnom sustavu (EN 50159-1:2001)
Railway applications – Communications, signalling and processing systems – Part 1: Safety-related communication in closed transmission systems (EN 50159-1:2001)
- zamijenjena s: HRN EN 50159:2011
- HRN EN 50159-2:2001
Željezničke primjene – Komunikacijska i signalna tehnika i sustavi obrade podataka – 2. dio: Sigurnosno značajna komunikacija u otvorenom prijenosnom sustavu (EN 50159-2:2001)
Railway applications – Communications, signalling and processing systems – Part 2: Safety-related communication in open transmission systems (EN 50159-2:2001)
- zamijenjena s: HRN EN 50159:2011
- HRN EN 50206-1:2000
Željezničke primjene – Željeznička vozila – Pantografi: Karakteristike i ispitivanja – 1. dio: Pantografi vozila za otvorenu prugu (EN 50206-1:1998)
Railway applications – Rolling stock – Pantographs: Characteristics and tests – Part 1: Pantographs for main line vehicles (EN 50206-1:1998)
- zamijenjena s: HRN EN 50206-1:2011
- HRN EN 50206-2:2000
Željezničke primjene – Željeznička vozila – Pantografi: Karakteristike i ispitivanja – 2. dio: Pantografi za podzemne željeznice i lagana željeznička vozila (EN 50206-2:1999+Corr.1:2000)
Railway applications – Rolling stock – Pantographs: Characteristics and tests – Part 2: Pantographs for metros and light rail vehicles (EN 50206-2:1999+Corr.1:2000)
- zamijenjena s: HRN EN 50206-2:2011
- HRN EN 50207:2001
Željezničke primjene – Elektronički energetski pretvarači za željeznička vozila (EN 50207:2000)
Railway applications – Electronic power converters for rolling stock (EN 50207:2000)
- zamijenjena s: HRN EN 61287-1:2008

- HRN EN 50215:2000
Željezničke primjene – Ispitivanje željezničkih vozila nakon završetka izrade i prije stavljanja u upotrebu (promet) (EN 50215:1999)
Railway applications – Testing of rolling stock after completion of construction and before entry into service (EN 50215:1999)
- zamijenjena s: HRN EN 50215:2011
- HRN EN 50345:2007
Željezničke primjene – Stabilna postrojenja – Električna vuča – Sklop izolacijskoga sintetičkog užeta za potporu nadzemnog kontaktnog voda (EN 50345:2004)
Railway applications – Fixed installations – Electric traction – Insulating synthetic rope assemblies for support of overhead contact lines (EN 50345:2004)
- zamijenjena s: HRN EN 50345:2011
- HRN IEC 60077-1:2000
Željezničke primjene – Električna oprema za željeznička vozila – 1. dio: Opći uvjeti korištenja i opća pravila (IEC 60077-1:1999)
Railway applications – Electric equipment for rolling stock – Part 1: General service conditions and general rules (IEC 60077-1:1999)
- zamijenjena s: HRN EN 60077-1:2007
- HRN IEC 60077-2:2000
Željezničke primjene – Električna oprema za željeznička vozila – 2. dio: Elektrotehničke komponente – Opća pravila (IEC 60077-2:1999)
Railway applications – Electric equipment for rolling stock – Part 2: Electrotechnical components – General rules (IEC 60077-2:1999)
- zamijenjena s: HRN EN 60077-2:2007
- HRN EN 60310:2000
Željezničke primjene – Vučni transformatori i prigušnice za željeznička vozila (IEC 60310:1991; EN 60310:1996)
Railway applications – Traction transformers and inductors on rolling stock (IEC 60310:1991; EN 60310:1996)
- zamijenjena s: HRN EN 60310:2007
- HRN IEC 60322:2000
Pravila za omske otpornike koji se koriste u energetskim krugovima električni pogonjenih vozila (IEC 60322:1970)
Rules for ohmic resistors used in the power circuits of electrically powered vehicles (IEC 60322:1970)
- zamijenjena s: HRN EN 60322:2008
- HRN EN 60349-1:2000
Električna vuča – Električni rotacijski strojevi za željeznička i cestovna vozila – 1. dio: Strojevi osim izmjeničnih motora napajanih iz elektroničkih pretvarača (IEC 60349-1:1999; EN 60349-1:2000)
Electric traction – Rotating electrical machines for rail and road vehicles – Part 1: Machines other than electronic convertor-fed alternating current motors (IEC 60349-1:1999; EN 60349-1:2000)
- zamijenjena s: HRN EN 60349-1:2011
- HRN EN 60349-1:2000/A1:2007
Električna vuča – Električni rotacijski strojevi za tračnička i cestovna vozila – 1. dio: Strojevi s izuzetkom izmjeničnih motora napajanih iz elektroničkih pretvarača (IEC 60349-1:1999/am1:2002; EN 60349-1:2000/A1:2002)
Electric traction – Rotating electrical machines for rail and road vehicles – Part 1: Machines other than electronic convertor-fed alternating current motors (IEC 60349-1:1999/am1:2002; EN 60349-1:2000/A1:2002)
- zamijenjena s: HRN EN 60349-1:2011
- HRN IEC 60349-2:2000
Električna vuča – Električni rotacijski strojevi za željeznička i cestovna vozila – 2. dio: Izmjenični motori napajani iz elektroničkih pretvarača (IEC 60349-2:1993)
Electric traction – Rotating electrical machines for rail and road vehicles – Part 2: Electronic convertor-fed alternating current motors (IEC 60349-2:1993)
- zamijenjena s: HRN EN 60349-2:2007
- HRN EN 60349-2:2007
Željezničke primjene – Rotacijski električni strojevi za tračnička i cestovna vozila – 2. dio: Izmjenični motori napajani iz elektroničkih pretvarača (IEC 60349-2:1993, MOD; EN 60349-2:2001)
Railway applications – Rotating electrical machines for rail and road vehicles – Part 2: Electronic converter-fed alternating current motors (IEC 60349-2:1993, MOD; EN 60349-2:2001)
- zamijenjena s: HRN EN 60349-2:2011
- HRN EN 61373:2000
Željezničke primjene – Oprema za željeznička vozila – Ispitivanja (otpornosti) na udare i vibracije (IEC 61373:1999; EN 61373:1999)
Railway applications – Rolling stock equipment – Shock and vibration tests (IEC 61373:1999; EN 61373:1999)
- zamijenjena s: HRN EN 61373:2011
- HRN EN 61377:2000
Električna vuča – Oprema za željeznička vozila – Kombinirano ispitivanje izmjeničnih motora napajanih iz izmjenjivača i njihovog upravljanja (IEC 61377:1996; EN 61377:1996+Corr.1:1996)
Electric traction – Rolling stock – Combined testing of inverter-fed alternating current motors and their control (IEC 61377:1996; EN 61377:1996+Corr.1:1996)
- zamijenjena s: HRN EN 61377-1:2008

HZN/TO E31, *Eksplzivne atmosfere*

- HRN IEC 60079-13:1997 en
Električni uređaji za potencijalno eksplozivne atmosfere – 13. dio: Izrada i uporaba prostorija i zgrada zaštićenih nadtakom (IEC 60079-13:1982)
Electrical apparatus for potentially explosive atmospheres – Part 13: Construction and use of rooms or buildings protected by pressurization (IEC 60079-13:1982)
- zamijenjena s: HRN EN 60079-13:2011

HZN/TO Z2, *Ocjenjivanje sukladnosti i akreditacija*

- HRN EN ISO/IEC 17021:2007 en
Ocjenjivanje sukladnosti – Zahtjevi za tijela koja provode audit i certifikaciju sustava upravljanja (ISO/IEC 17021:2006; EN ISO/IEC 17021:2006)
Conformity assessment – Requirements for bodies providing audit and certification of management systems (ISO/IEC 17021:2006; EN ISO/IEC 17021:2006)
- zamijenjena s: HRN EN ISO/IEC 17021:2011

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

- HRN EN 957-4:2008 en
Oprema za vježbanje – 4. dio: Klupe za jačanje (benč), dodatni posebni sigurnosni zahtjevi i metode ispitivanja (EN 957-4:2006)
Stationary training equipment – Part 4: Strength training benches, additional specific safety requirements and test methods (EN 957-4:2006)
- zamijenjena s: HRN EN 957-4:2011

- HRN EN 1069-1:2005 en
Vodeni tobogani visine 2 m i viši – 1. dio: Sigurnosni zahtjevi i metode ispitivanja (EN 1069-1:2000)
Water slides of 2 m height and more – Part 1: Safety requirements and test methods (EN 1069-1:2000)
- zamijenjena s: HRN EN 1069-1:2011
- HRN EN 1069-2:2005 en
Vodeni tobogani visine 2 m i viši – 2. dio: Upute (EN 1069-2:1999)
Water slides of 2 m height and more – Part 2: Instructions (EN 1069-2:1999)
- zamijenjena s: HRN EN 1069-2:2011
- HRN EN 14975:2008 en
Loft ladders – Requirements, marking and testing (EN 14975:2006)
- zamijenjena s: HRN EN 14975:2011
- HRN EN 15312:2008 en
Free access multi-sports equipment – Requirements, including safety, and test methods (EN 15312:2007)
- zamijenjena s: HRN EN 15312:2011

HZN/TU I2, Strojstvo 2

- HRN EN 710:2008 en
Safety requirements for foundry moulding and coremaking machinery and plant and associated equipment (EN 710:1997)
- zamijenjena s: HRN EN 710:2011
- HRN EN 746-2:2008 en
Industrial thermoprocessing equipment – Part 2: Safety requirements for combustion and fuel handling systems (EN 746-2:1997)
- zamijenjena s: HRN EN 746-2:2011
- HRN EN 12975-1:2008 en
Thermal solar systems and components – Solar collectors – Part 1: General Requirements (EN 12975-1:2006)
- zamijenjena s: HRN EN 12975-1:2011
- HRN EN 13020:2008 en
Road surface treatment machines – Safety requirements (EN 13020:2004)
- zamijenjena s: HRN EN 13020:2011
- HRN EN 13035-11:2008 en
Machines and plants for the manufacture, treatment and processing of flat glass – Safety requirements – Part 11: Drilling machines (EN 13035-11:2006)
- zamijenjena s: HRN EN 13035-11:2011
- HRN EN 13675:2008 en
Safety of machinery – Safety requirements for tube forming and rolling mills and their finishing line equipment (EN 13675:2004)
- zamijenjena s: HRN EN 13675:2011
- HRN EN 14656:2008 en
Safety of machinery – Safety requirements for extrusion presses for steel and non-ferrous metals (EN 14656:2006)
- zamijenjena s: HRN EN 14656:2011
- HRN EN 14673:2008 en
Safety of machinery – Safety requirements for hydraulically powered open die hot forging presses for the forging of steel and non-ferrous metals (EN 14673:2006)
- zamijenjena s: HRN EN 14673:2011
- HRN EN 14681:2008 en
Safety of machinery – Safety requirements for machinery and equipment for production of steel by electric arc furnace (EN 14681:2006)
- zamijenjena s: HRN EN 14681:2011

HZN/TU M1, Metalni materijali 1

- HRN EN 1811:2008 en
Reference test method for release of nickel from products intended to come into direct and prolonged contact with the skin (EN 1811:1998+A1:2008)
- zamijenjena s: HRN EN 1811:2011
- HRN EN ISO 2739:2008 en
Sintered metal bushes – Determination of radial crushing strength (ISO 2739:1973; EN ISO 2739:1998)
- zamijenjena s: HRN EN ISO 2739:2011
- HRN EN ISO 2740:2008 en
Sintered metal materials, excluding hardmetals – Tensile test pieces (ISO 2740:2007; EN ISO 2740:2007)
- zamijenjena s: HRN EN ISO 2740:2011
- HRN EN ISO 3927:2008 en
Metallic powders, excluding powders for hardmetals – Determination of compressibility in uniaxial compression (ISO 3927:2001; EN ISO 3927:2001)
- zamijenjena s: HRN EN ISO 3927:2011
- HRN EN ISO 3927:2008/Ispr.1:2009 en
Metallic powders, excluding powders for hardmetals – Determination of compressibility in uniaxial compression (ISO 3927:2001/Cor 1:2008; EN ISO 3927:2001/AC:2009)
- zamijenjena s: HRN EN ISO 3927:2011
- HRN EN 12472:2008 en
Method for the simulation of wear and corrosion for the detection of nickel release from coated items (EN 12472:2005)
- zamijenjena s: HRN EN 12472:2011
- HRN EN 23327:2008 en
Hardmetals – Determination of transverse rupture strength (ISO 3327:1982; EN 23327:1993)
- zamijenjena s: HRN EN ISO 3327:2011
- HRN EN 23369:2008 en
Impermeable sintered metal materials and hardmetals – Determination of density (ISO 3369:1975; EN 23369:1993)
- zamijenjena s: HRN EN ISO 3369:2011
- HRN EN 23907:2008 en
Hardmetals – Determination of total carbon content – Gravimetric method (ISO 3907:1985; EN 23907:1993)
- zamijenjena s: HRN EN ISO 3907:2011
- HRN EN 23908:2008 en
Hardmetals – Determination of insoluble (free) carbon content – Gravimetric method (ISO 3908:1985; EN 23908:1993)
- zamijenjena s: HRN EN ISO 3908:2011
- HRN EN 23923-1:2008 en
Metallic powders – Determination of apparent density – Part 1: Funnel method (ISO 3923-1:1979; EN 23923-1:1993)
- zamijenjena s: HRN EN ISO 3923-1:2011
- HRN EN 24499:2008 en
Hardmetals – Metallographic determination of microstructure (ISO 4499:1978; EN 24499:1993)
- zamijenjena s: HRN EN ISO 4499-1:2011

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

- HRN EN ISO 3107:2008 en
Dentistry – Zinc oxide/eugenol and zinc oxide/non-eugenol cements (ISO 3107:2004+Cor 1:2006; EN ISO 3107:2004+AC:2006)
- zamijenjena s: HRN EN ISO 3107:2011
- HRN EN ISO 6875:2008 en
Dental equipment – Dental patient chair (ISO 6875:1995; EN ISO 6875:1996)
- zamijenjena s: HRN EN ISO 6875:2011

- HRN EN ISO 7711-2:2008 en
Dental rotary instruments—Diamond instruments—Part
2: Discs (ISO 7711-2:1992; EN ISO 7711-2:1995)
- zamijenjena s: HRN EN ISO 7711-2:2011
- HRN EN 13795-1:2010 en
Surgical drapes, gowns and clean air suits, used
as medical devices, for patients, clinical staff and
equipment — Part 1: General requirements for
manufacturers, processors and products
(EN 13795-1:2002+A1:2009)
- zamijenjena s: HRN EN 13795:2011
- HRN EN 13795-2:2010 en
Surgical drapes, gowns and clean air suits, used
as medical devices for patients, clinical staff and
equipment — Part 2: Test methods
(EN 13795-2:2004+A1:2009)
- zamijenjena s: HRN EN 13795:2011
- HRN EN 13795-3:2010 en
Surgical drapes, gowns and clean air suits, used
as medical devices for patients, clinical staff and
equipment — Part 3: Performance requirements and
performance levels (EN 13795-3:2006+A1:2009)
- zamijenjena s: HRN EN 13795:2011

1.6 Ispravci hrvatskih norma

U popisima hrvatskih norma objavljenim u ranijim brojevima službenog glasila potkrale su se pogreške.

Niže navodimo ispravne oznake i naslove hrvatskih norma.

HZNTO 35, *Boje i lakovi*

- **umjesto:**

- HRN EN ISO 15711:2005
Boje i lakovi — Određivanje otpornosti prekrivnih
materijala izloženih morskoj vodi na prekid katodne
veze (ISO 15711:2003; EN ISO 15711:2005)
Paints and varnishes — Determination of resistance to
cathodic disbonding of coatings exposed to sea water
(ISO 15711:2003; EN ISO 15711:2005)

- **treba biti:**

- HRN EN ISO 15711:2005
Boje i lakovi — Određivanje otpornosti prekrivnih
materijala izloženih morskoj vodi na prekid katodne
veze (ISO 15711:2003; EN ISO 15711:2004)
Paints and varnishes — Determination of resistance to
cathodic disbonding of coatings exposed to sea water
(ISO 15711:2003; EN ISO 15711:2004)

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

01.020 Nazivlje (načela i usklađivanje)

Međunarodna normizacija (ISO)

ISO 10241-1:2011
Terminological entries in standards – Part 1: General requirements and examples of presentation

01.040.07 Matematika. Prirodne znanosti (Rječnici)

Međunarodna normizacija (IEC)

IEC 60050-113:2011
International Electrotechnical Vocabulary – Part 113: Physics for electrotechnology

01.040.17 Metrologija i mjerenje. Fizikalne pojave (Rječnici)

Međunarodna normizacija (ISO)

ISO 12180-1:2011
Geometrical product specifications (GPS) – Cylindricity – Part 1: Vocabulary and parameters of cylindrical form

ISO 12181-1:2011
Geometrical product specifications (GPS) – Roundness – Part 1: Vocabulary and parameters of roundness

ISO 12780-1:2011
Geometrical product specifications (GPS) – Straightness – Part 1: Vocabulary and parameters of straightness

ISO 12781-1:2011
Geometrical product specifications (GPS) – Flatness – Part 1: Vocabulary and parameters of flatness

Europska normizacija

EN ISO 12180-1:2011
Geometrical product specifications (GPS) – Cylindricity – Part 1: Vocabulary and parameters of cylindrical form (ISO 12180-1:2011)

EN ISO 12181-1:2011
Geometrical product specifications (GPS) – Roundness – Part 1: Vocabulary and parameters of roundness (ISO 12181-1:2011)

EN ISO 12780-1:2011
Geometrical product specifications (GPS) – Straightness – Part 1: Vocabulary and parameters of straightness (ISO 12780-1:2011)

EN ISO 12781-1:2011
Geometrical product specifications (GPS) – Flatness – Part 1: Vocabulary and parameters of flatness (ISO 12781-1:2011)

01.040.29 Elektrotehnika (Rječnici)

Međunarodna normizacija (IEC)

IEC 60050-113:2011
International Electrotechnical Vocabulary – Part 113: Physics for electrotechnology

IEC 60127-1:2006/am1:2011
Amendment 1 – Miniature fuses – Part 1: Definitions for miniature fuses and general requirements for miniature fuse-links

IEC 60034-16-1:2011

Rotating electrical machines – Part 16-1: Excitation systems for synchronous machines – Definitions

01.040.35 Informacijska tehnika. Uredski strojevi (Rječnici)

Međunarodna normizacija (ISO)

ISO/IEC/IEEE 24765:2010
Systems and software engineering – Vocabulary

01.040.43 Cestovna vozila (Rječnici)

Međunarodna normizacija (ISO)

ISO 11838:1997/Amd 1:2011
Motorcycle and motorcycle-rider kinematics – Vocabulary

ISO 14722:1998/Amd 1:2011
Moped and moped-rider kinematics – Vocabulary

01.040.59 Tekstilna i kožna tehnologija (Rječnici)

Europska normizacija

EN 15987:2011
Leather – Terminology – Key definitions for the leather trade

01.060 Veličine i jedinice

Međunarodna normizacija (ISO)

ISO 80000-9:2009/Amd 1:2011
Quantities and units – Part 9: Physical chemistry and molecular physics

01.070 Označivanje bojama

Međunarodna normizacija (ISO)

ISO 3864-1:2011
Graphical symbols – Safety colours and safety signs – Part 1: Design principles for safety signs and safety markings

ISO 7010:2003/Amd 8:2011
Graphical symbols – Safety colours and safety signs – Registered safety signs

01.080.10 Znakovi za javne obavijesti

Međunarodna normizacija (ISO)

ISO 3864-1:2011
Graphical symbols – Safety colours and safety signs – Part 1: Design principles for safety signs and safety markings

ISO 7010:2003/Amd 8:2011
Graphical symbols – Safety colours and safety signs – Registered safety signs

01.100.25 Crteži u elektrotehnici i elektronici

Međunarodna normizacija (IEC)

IEC 61837-2:2011
Surface mounted piezoelectric devices for frequency control and selection – Standard outlines and terminal lead connections – Part 2: Ceramic enclosures

01.120 Normizacija. Opća pravila

Međunarodna normizacija (ISO)

ISO 10241-1:2011
Terminological entries in standards — Part 1: General requirements and examples of presentation

Europska normizacija

CEN ISO/TR 22411:2011
Ergonomics data and guidelines for the application of ISO/IEC Guide 71 to products and services to address the needs of older persons and persons with disabilities (ISO/TR 22411:2008)

01.140.20 Informacijske znanosti

Međunarodna normizacija (ISO)

ISO 16175-2:2011
Information and documentation — Principles and functional requirements for records in electronic office environments — Part 2: Guidelines and functional requirements for digital records management systems

ISO 24619:2011
Language resource management — Persistent identification and sustainable access (PISA)

03.080.30 Usluge za potrošače

Europska normizacija

CWA 16308:2011
Framework for consumer rental conditions

03.080.99 Ostale usluge

Međunarodna normizacija (ISO)

ISO/IEC 20000-1:2011
Information technology — Service management — Part 1: Service management system requirements

03.100.30 Upravljanje ljudskim vrelima

Europska normizacija

CWA 16266:2011
Curriculum for training ICT Professionals in Universal Design

07.030 Fizika. Kemija

Međunarodna normizacija (ISO)

ISO/TR 13121:2011
Nanotechnologies — Nanomaterial risk evaluation

07.060 Geologija. Meteorologija. Hidrologija

Europska normizacija

EN 50536:2011
Protection against lightning — Thunderstorm warning systems

11.040.10 Anestezijska, respiracijska i reanimacijska oprema

Međunarodna normizacija (ISO)

ISO 80601-2-12:2011
Medical electrical equipment — Part 2-12: Particular requirements for basic safety and essential performance of critical care ventilators

IEC 60601-1-11:2010/Cor 1:2011
Medical electrical equipment — Part 1-11: General requirements for basic safety and essential performance — Collateral standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment

Međunarodna normizacija (IEC)

IEC 60601-1-11:2010/Corr.1:2011
Medical electrical equipment — Part 1-11: General requirements for basic safety and essential performance — Collateral Standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment

Europska normizacija

EN ISO 80601-2-12:2011
Medical electrical equipment — Part 2-12: Particular requirements for basic safety and essential performance of critical care ventilators (ISO 80601-2-12:2011)

EN 13976-1:2011
Rescue systems — Transportation of incubators — Part 1: Interface conditions

EN 13976-2:2011
Rescue systems — Transportation of incubators — Part 2: System requirements

11.040.20 Transfuzijska, infuzijska i injekcijska oprema

Međunarodna normizacija (ISO)

ISO 23500:2011
Guidance for the preparation and quality management of fluids for haemodialysis and related therapies

11.040.40 Implantati za kirurgiju, protetiku i ortotiku

Međunarodna normizacija (ISO)

ISO 7206-2:2011
Implants for surgery — Partial and total hip joint prostheses — Part 2: Articulating surfaces made of metallic, ceramic and plastics materials

ISO 12891-1:2011
Implants for surgery — Retrieval and analysis of surgical implants — Part 1: Retrieval and handling

11.040.55 Dijagnostička oprema

Međunarodna normizacija (IEC)

IEC 60601-2-34:2011
Medical electrical equipment — Part 2-34: Particular requirements for the basic safety and essential performance of invasive blood pressure monitoring equipment

Europska normizacija

EN 60601-2-49:2001
Medical electrical equipment — Part 2-49: Particular requirements for the safety of multifunction patient monitoring equipment (IEC 60601-2-49:2001)

EN 60601-2-57:2011

Medical electrical equipment – Part 2-57: Particular requirements for the basic safety and essential performance of non-laser light source equipment intended for therapeutic, diagnostic, monitoring and cosmetic/aesthetic use (IEC 60601-2-57:2011)

EN ISO 80601-2-61:2011

Medical electrical equipment – Part 2-61: Particular requirements for basic safety and essential performance of pulse oximeter equipment (ISO 80601-2-61:2011)

11.040.60 Terapeutska oprema

Europska normizacija

EN 60601-2-57:2011

Medical electrical equipment – Part 2-57: Particular requirements for the basic safety and essential performance of non-laser light source equipment intended for therapeutic, diagnostic, monitoring and cosmetic/aesthetic use (IEC 60601-2-57:2011)

11.040.70 Oftalmološka oprema

Međunarodna normizacija (ISO)

ISO 14534:2011

Ophthalmic optics – Contact lenses and contact lens care products – Fundamental requirements

ISO 11979-8:2006/Amd 1:2011

Ophthalmic implants – Intraocular lenses – Part 8: Fundamental requirements; Amendment 1

ISO 13212:2011

Ophthalmic optics – Contact lens care products – Guidelines for determination of shelf-life

Europska normizacija

EN ISO 11979-8:2009/A1:2011

Ophthalmic implants – Intraocular lenses – Part 8: Fundamental requirements – Amendment 1 (ISO 11979-8:2006/Amd 1:2011)

EN ISO 13212:2011

Ophthalmic optics – Contact lens care products – Guidelines for determination of shelf-life (ISO 13212:2011)

11.060.25 Zubarski instrumenti

Međunarodna normizacija (ISO)

ISO 21671:2006/Amd 1:2011

Dentistry – Rotary polishers

Europska normizacija

EN ISO 21671:2006/A1:2011

Dentistry – Rotary polishers – Amendment 1 (ISO 21671:2006/Amd 1:2011)

11.080.10 Sterilizacijska oprema

Međunarodna normizacija (ISO)

ISO 15883-6:2011

Washer-disinfectors – Part 6: Requirements and tests for washer-disinfectors employing thermal disinfection for non-invasive, non-critical medical devices and healthcare equipment

Europska normizacija

EN ISO 15883-6:2011

Washer-disinfectors – Part 6: Requirements and tests for washer-disinfectors employing thermal disinfection for non-invasive, non-critical medical devices and healthcare equipment (ISO 15883-6:2011)

11.140 Bolnička oprema

Europska normizacija

EN 60601-2-52:2010/AC:2011

Medical electrical equipment – Part 2-52: Particular requirements for basic safety and essential performance of medical beds (IEC 60601-2-52:2009)

11.160 Prva pomoć

Europska normizacija

EN 13976-1:2011

Rescue systems – Transportation of incubators – Part 1: Interface conditions

EN 13976-2:2011

Rescue systems – Transportation of incubators – Part 2: System requirements

11.180.01 Pomoć za invalidne i hendikepirane osobe općenito

Europska normizacija

CEN ISO/TR 22411:2011

Ergonomics data and guidelines for the application of ISO/IEC Guide 71 to products and services to address the needs of older persons and persons with disabilities (ISO/TR 22411:2008)

11.180.15 Pomagala za gluhe osobe i za osobe sa oštećenjem sluha

Međunarodna normizacija (IEC)

IEC 60118-13:2011

Electroacoustics – Hearing aids – Part 13: Electromagnetic compatibility (EMC)

11.180.99 Druge norme povezane s pomoći za invalidne i hendikepirane osobe

Međunarodna normizacija (ISO)

ISO/IEC 13066-1:2011

Information technology – Interoperability with assistive technology (AT) – Part 1: Requirements and recommendations for interoperability

13.030.10 Kruti otpad

Europska normizacija

CEN/TR 16130:2011

Characterization of waste – On-site verification

13.040.01 Kakvoća zraka općenito

Europska normizacija

EN 15980:2011

Air quality – Determination of the deposition of benz[a]anthracene, benzo[b]fluoranthene, benzo[j]fluoranthene, benzo[k]fluoranthene, benzo[a]pyrene, dibenz[a,h]anthracene and indeno[1,2,3-cd]pyrene

13.040.30 Kakvoća zraka na radnome mjestu

Europska normizacija

EN ISO 28439:2011

Workplace atmospheres – Characterization of ultrafine aerosols/nanoaerosols – Determination of the size distribution and number concentration using differential electrical mobility analysing systems (ISO 28439:2011)

13.040.40 Ispuštanja iz nepomičnih izvora

Međunarodna normizacija (ISO)

ISO 14066:2011

Greenhouse gases – Competence requirements for greenhouse gas validation teams and verification teams

ISO 25139:2011

Stationary source emissions – Manual method for the determination of the methane concentration using gas chromatography

ISO 11057:2011

Air quality – Test method for filtration characterization of cleanable filter media

Europska normizacija

EN ISO 25139:2011

Stationary source emissions – Manual method for the determination of the methane concentration using gas chromatography (ISO 25139:2011)

13.040.50 Ispuštanja plinova iz prijevoznih sredstava

Međunarodna normizacija (ISO)

ISO 15031-5:2011

Road vehicles – Communication between vehicle and external equipment for emissions-related diagnostics – Part 5: Emissions-related diagnostic services

13.060.30 Kanalizacijske vode

Međunarodna normizacija (ISO)

ISO 5667-13:2011

Water quality – Sampling – Part 13: Guidance on sampling of sludges

13.060.45 Ispitivanje vode općenito, uključujući uzorkovanje

Međunarodna normizacija (ISO)

ISO 5667-13:2011

Water quality – Sampling – Part 13: Guidance on sampling of sludges

Europska normizacija

EN ISO 5667-13:2011

Water quality – Sampling – Part 13: Guidance on sampling of sludges (ISO 5667-13:2011)

13.080.10 Kemijske značajke tla

Međunarodna normizacija (ISO)

ISO 22155:2011

Soil quality – Gas chromatographic determination of volatile aromatic and halogenated hydrocarbons and selected ethers – Static headspace method

ISO 11709:2011

Soil quality – Determination of selected coal-tar-derived phenolic compounds using high performance liquid chromatography (HPLC)

13.160 Utjecaj vibracija na ljude

Međunarodna normizacija (ISO)

ISO 28927-10:2011

Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 10: Percussive drills, hammers and breakers

Europska normizacija

EN ISO 28927-10:2011

Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 10: Percussive drills, hammers and breakers (ISO 28927-10:2011)

13.180 Ergonomija

Europska normizacija

CEN ISO/TR 9241-100:2011

Ergonomics of human-system interaction – Part 100: Introduction to standards related to software ergonomics (ISO/TR 9241-100:2010)

13.220.10 Vatrogastvo

Međunarodna normizacija (ISO)

ISO 7203-1:2011

Fire extinguishing media – Foam concentrates – Part 1: Specification for low-expansion foam concentrates for top application to water-immiscible liquids

ISO 7203-2:2011

Fire extinguishing media – Foam concentrates – Part 2: Specification for medium- and high-expansion foam concentrates for top application to water-immiscible liquids

13.220.40 Zapaljivost i ponašanje pri izgaranju gradiva i proizvoda

Europska normizacija

EN 50399:2011

Common test methods for cables under fire conditions – Heat release and smoke production measurement on cables during flame spread test – Test apparatus, procedures, results

13.220.50 Vatrootpornost građevnih gradiva i elemenata

Europska normizacija

EN 1366-10:2011

Fire resistance tests for service installations – Part 10: Smoke control dampers

EN 15269-10:2011

Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies including their elements of building hardware – Part 10: Fire resistance of steel rolling shutter assemblies

13.220.99 Druge norme koje se odnose na zaštitu od požara

Europska normizacija

- EN 12101-7:2011
Smoke and heat control systems – Part 7: Smoke duct sections
- EN 12101-8:2011
Smoke and heat control systems – Part 8: Smoke control dampers

13.280 Zaštita od zračenja

Europska normizacija

- EN 60825-4:2006/A2:2011
Safety of laser products – Part 4: Laser guards

13.310 Zaštita od kriminala

Europska normizacija

- EN 1627:2011
Pedestrian doorsets, windows, curtain walling, grilles and shutters – Burglar resistance – Requirements and classification
- EN 1628:2011
Pedestrian doorsets, windows, curtain walling, grilles and shutters – Burglar resistance – Test method for the determination of resistance under static loading
- EN 1629:2011
Pedestrian doorsets, windows, curtain walling, grilles and shutters – Burglar resistance – Test method for the determination of resistance under dynamic loading
- EN 1630:2011
Pedestrian doorsets, windows, curtain walling, grilles and shutters – Burglar resistance – Test method for the determination of resistance to manual burglary attempts

13.320 Alarmni sustavi i sustavi uzbunjivanja

Europska normizacija

- EN 50518-2:2010/AC:2011
Monitoring and alarm receiving centre – Part 2: Technical requirements

13.340.10 Zaštitna odjeća

Međunarodna normizacija (ISO)

- ISO 27065:2011
Protective clothing – Performance requirements for protective clothing worn by operators applying liquid pesticides

13.340.30 Uređaji za zaštitu dišnih organa

Međunarodna normizacija (ISO)

- ISO 23269-3:2011
Ships and marine technology – Breathing apparatus for ships – Part 3: Self-contained breathing apparatus (safety equipment) required by the IMO IBC and IGC Codes

13.340.70 Prsluci za spašavanje i plutajuće naprave

Međunarodna normizacija (ISO)

- ISO 12402-7:2006/Amd 1:2011
Personal flotation devices – Part 7: Materials and components – Safety requirements and test methods; Amendment 1
- ISO 12402-8:2006/Amd 1:2011
Personal flotation devices – Part 8: Accessories – Safety requirements and test methods; Amendment 1
- ISO 12402-9:2006/Amd 1:2011
Personal flotation devices – Part 9: Test methods; Amendment 1

Europska normizacija

- EN ISO 12402-7:2006/A1:2011
Personal flotation devices – Part 7: Materials and components – Safety requirements and test methods – Amendment 1 (ISO 12402-7:2006/Amd 1:2011)
- EN ISO 12402-8:2006/A1:2011
Personal flotation devices – Part 8: Accessories – Safety requirements and test methods – Amendment 1 (ISO 12402-8:2006/Amd 1:2011)
- EN ISO 12402-9:2006/A1:2011
Personal flotation devices – Part 9: Test methods – Amendment 1 (ISO 12402-9:2006/Amd 1:2011)

17.040.30 Mjerila

Međunarodna normizacija (ISO)

- ISO 12180-1:2011
Geometrical product specifications (GPS) – Cylindricity – Part 1: Vocabulary and parameters of cylindrical form
- ISO 12180-2:2011
Geometrical product specifications (GPS) – Cylindricity – Part 2: Specification operators
- ISO 12181-1:2011
Geometrical product specifications (GPS) – Roundness – Part 1: Vocabulary and parameters of roundness
- ISO 12181-2:2011
Geometrical product specifications (GPS) – Roundness – Part 2: Specification operators
- ISO 12780-1:2011
Geometrical product specifications (GPS) – Straightness – Part 1: Vocabulary and parameters of straightness
- ISO 12780-2:2011
Geometrical product specifications (GPS) – Straightness – Part 2: Specification operators
- ISO 12781-1:2011
Geometrical product specifications (GPS) – Flatness – Part 1: Vocabulary and parameters of flatness
- ISO 12781-2:2011
Geometrical product specifications (GPS) – Flatness – Part 2: Specification operators
- ISO 14253-2:2011
Geometrical product specifications (GPS) – Inspection by measurement of workpieces and measuring equipment – Part 2: Guidance for the estimation of uncertainty in GPS measurement, in calibration of measuring equipment and in product verification
- ISO 14253-3:2011
Geometrical product specifications (GPS) – Inspection by measurement of workpieces and measuring equipment – Part 3: Guidelines for achieving agreements on measurement uncertainty statements

ISO 25378:2011
Geometrical product specifications (GPS) –
Characteristics and conditions – Definitions

Europska normizacija

- EN ISO 12180-1:2011
Geometrical product specifications (GPS) – Cylindricity
– Part 1: Vocabulary and parameters of cylindrical
form (ISO 12180-1:2011)
- EN ISO 12180-2:2011
Geometrical product specifications (GPS) –
Cylindricity – Part 2: Specification operators
(ISO 12180-2:2011)
- EN ISO 12181-1:2011
Geometrical product specifications (GPS) – Roundness
– Part 1: Vocabulary and parameters of roundness
(ISO 12181-1:2011)
- EN ISO 12181-2:2011
Geometrical product specifications (GPS) –
Roundness – Part 2: Specification operators
(ISO 12181-2:2011)
- EN ISO 12780-1:2011
Geometrical product specifications (GPS) –
Straightness – Part 1: Vocabulary and parameters of
straightness (ISO 12780-1:2011)
- EN ISO 12780-2:2011
Geometrical product specifications (GPS) –
Straightness – Part 2: Specification operators
(ISO 12780-2:2011)
- EN ISO 12781-1:2011
Geometrical product specifications (GPS) – Flatness
– Part 1: Vocabulary and parameters of flatness
(ISO 12781-1:2011)
- EN ISO 12781-2:2011
Geometrical product specifications (GPS) – Flatness –
Part 2: Specification operators (ISO 12781-2:2011)
- EN ISO 14253-2:2011
Geometrical product specifications (GPS) – Inspection
by measurement of workpieces and measuring
equipment – Part 2: Guidance for the estimation of
uncertainty in GPS measurement, in calibration of
measuring equipment and in product verification
(ISO 14253-2:2011)
- EN ISO 14253-3:2011
Geometrical product specifications (GPS) – Inspection
by measurement of workpieces and measuring
equipment – Part 3: Guidelines for achieving
agreements on measurement uncertainty statements
(ISO 14253-3:2011)

17.140.20 Buka koju proizvode strojevi i oprema

Europska normizacija

- EN 60704-2-13:2011
Household and similar electrical appliances – Test
code for the determination of airborne acoustical
noise – Part 2-13: Particular requirements for range
hoods (IEC 60704-2-13:2011)

17.160 Vibracije, udari i mjerenja vibracija

Međunarodna normizacija (ISO)

- ISO 18437-5:2011
Mechanical vibration and shock – Characterization
of the dynamic mechanical properties of visco-elastic
materials – Part 5: Poisson ratio based on comparison
between measurements and finite element analysis

ISO 29821-1:2011
Condition monitoring and diagnostics of machines –
Ultrasound – Part 1: General guidelines

17.180.20 Boje i mjerenje svjetlosti

Europska normizacija

- EN ISO 11664-1:2011
Colorimetry – Part 1: CIE standard colorimetric
observers (ISO 11664-1:2007)
- EN ISO 11664-2:2011
Colorimetry – Part 2: CIE standard illuminants
(ISO 11664-2:2007)
- EN ISO 11664-4:2011
Colorimetry – Part 4: CIE 1976 L*a*b* Colour space
(ISO 11664-4:2008)
- EN ISO 11664-5:2011
Colorimetry – Part 5: CIE 1976 L*u*v* Colour space
and u', v' uniform chromaticity scale diagram
(ISO 11664-5:2009)

17.180.30 Optička mjerila

Međunarodna normizacija (IEC)

- IEC 62129-2:2011
Calibration of wavelength/optical frequency
measurement instruments – Part 2: Michelson
interferometer single wavelength meters

17.220.20 Mjerenje električnih i magnetskih veličina

Međunarodna normizacija (IEC)

- IEC 61010-1:2010/Corr.1:2011
Safety requirements for electrical equipment for
measurement, control, and laboratory use – Part 1:
General requirements
- IEC 61010-2-030:2010
Safety requirements for electrical equipment for
measurement, control, and laboratory use –
Part 2-030: Particular requirements for testing and
measuring circuits

17.240 Mjerenje zračenja

Međunarodna normizacija (IEC)

- IEC 62232:2011
Determination of RF field strength and SAR in the
vicinity of radiocommunication base stations for the
purpose of evaluating human exposure
- IEC/TR 62699:2011
Case studies supporting IEC 62232 – Determination
of RF field strength and SAR in the vicinity of
radiocommunication base stations for the purpose
of evaluating human exposure

21.040.30 Posebni navoji vijaka

Međunarodna normizacija (ISO)

- ISO 11363-1:2010/Cor 1:2011
Gas cylinders – 17E and 25E taper threads for
connection of valves to gas cylinders – Part 1:
Specifications

21.060.10 Svornjaci, vijci, usadni vijci

Međunarodna normizacija (ISO)

- ISO 4017:2011
Hexagon head screws — Product grades A and B
- ISO 4018:2011
Hexagon head screws — Product grade C
- ISO 7048:2011
Cross-recessed cheese head screws
- ISO 8676:2011
Hexagon head screws with metric fine pitch thread — Product grades A and B
- ISO 10510:2011
Tapping screw and washer assemblies with plain washers
- ISO 2702:2011
Heat-treated steel tapping screws — Mechanical properties
- ISO 15071:2011
Hexagon bolts with flange — Small series — Product grade A

Europska normizacija

- EN ISO 4017:2011
Hexagon head screws — Product grades A and B (ISO 4017:2011)
- EN ISO 4018:2011
Hexagon head screws — Product grade C (ISO 4018:2011)
- EN ISO 7048:2011
Cross-recessed cheese head screws (ISO 7048:2011)
- EN ISO 8676:2011
Hexagon head screws with metric fine pitch thread — Product grades A and B (ISO 8676:2011)
- EN ISO 10510:2011
Tapping screw and washer assemblies with plain washers (ISO 10510:2011)
- EN ISO 2702:2011
Heat-treated steel tapping screws — Mechanical properties (ISO 2702:2011)

21.100.10 Ravni ležajevi

Međunarodna normizacija (ISO)

- ISO 4384-2:2011
Plain bearings — Hardness testing of bearing metals — Part 2: Solid materials

21.140 Brtve, očnice

Međunarodna normizacija (ISO)

- ISO 16589-1:2011
Rotary shaft lip-type seals incorporating thermoplastic sealing elements — Part 1: Nominal dimensions and tolerances
- ISO 16589-3:2011
Rotary shaft lip-type seals incorporating thermoplastic sealing elements — Part 3: Storage, handling and installation
- ISO 16589-4:2011
Rotary shaft lip-type seals incorporating thermoplastic sealing elements — Part 4: Performance test procedures
- ISO 16589-5:2011
Rotary shaft lip-type seals incorporating thermoplastic sealing elements — Part 5: Identification of visual imperfections

21.200 Zupčanici

Međunarodna normizacija (ISO)

- ISO/TR 22849:2011
Design recommendations for bevel gears

23.020.10 Nepomični kontejneri i spremnici

Europska normizacija

- EN 13121-3:2008+A1:2010/AC:2011
GRP tanks and vessels for use above ground — Part 3: Design and workmanship

23.020.30 Tlačne posude, cilindrični plinski spremnici

Europska normizacija

- EN ISO 11363-1:2010/AC:2011
Gas cylinders — 17E and 25E taper threads for connection of valves to gas cylinders — Part 1: Specifications — Technical Corrigendum 1 (ISO 11363-1:2010/Cor 1:2011)

23.040.10 Cijevi od lijevanog željeza i čelika

Međunarodna normizacija (ISO)

- ISO 10893-1:2011
Non-destructive testing of steel tubes — Part 1: Automated electromagnetic testing of seamless and welded (except submerged arc-welded) steel tubes for the verification of hydraulic leaktightness
- ISO 10893-2:2011
Non-destructive testing of steel tubes — Part 2: Automated eddy current testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of imperfections
- ISO 10893-3:2011
Non-destructive testing of steel tubes — Part 3: Automated full peripheral flux leakage testing of seamless and welded (except submerged arc-welded) ferromagnetic steel tubes for the detection of longitudinal and/or transverse imperfections
- ISO 10893-4:2011
Non-destructive testing of steel tubes — Part 4: Liquid penetrant inspection of seamless and welded steel tubes for the detection of surface imperfections
- ISO 10893-5:2011
Non-destructive testing of steel tubes — Part 5: Magnetic particle inspection of seamless and welded ferromagnetic steel tubes for the detection of surface imperfections
- ISO 10893-6:2011
Non-destructive testing of steel tubes — Part 6: Radiographic testing of the weld seam of welded steel tubes for the detection of imperfections
- ISO 10893-7:2011
Non-destructive testing of steel tubes — Part 7: Digital radiographic testing of the weld seam of welded steel tubes for the detection of imperfections
- ISO 10893-8:2011
Non-destructive testing of steel tubes — Part 8: Automated ultrasonic testing of seamless and welded steel tubes for the detection of laminar imperfections
- ISO 10893-9:2011
Non-destructive testing of steel tubes — Part 9: Automated ultrasonic testing for the detection of laminar imperfections in strip/plate used for the manufacture of welded steel tubes

- ISO 10893-10:2011
Non-destructive testing of steel tubes – Part 10: Automated full peripheral ultrasonic testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of longitudinal and/or transverse imperfections
- ISO 10893-11:2011
Non-destructive testing of steel tubes – Part 11: Automated ultrasonic testing of the weld seam of welded steel tubes for the detection of longitudinal and/or transverse imperfections
- ISO 10893-12:2011
Non-destructive testing of steel tubes – Part 12: Automated full peripheral ultrasonic thickness testing of seamless and welded (except submerged arc-welded) steel tubes

Europska normizacija

- EN ISO 10893-1:2011
Non-destructive testing of steel tubes – Part 1: Automated electromagnetic testing of seamless and welded (except submerged arc-welded) steel tubes for the verification of hydraulic leaktightness (ISO 10893-1:2011)
- EN ISO 10893-2:2011
Non-destructive testing of steel tubes – Part 2: Automated eddy current testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of imperfections (ISO 10893-2:2011)
- EN ISO 10893-3:2011
Non-destructive testing of steel tubes – Part 3: Automated full peripheral flux leakage testing of seamless and welded (except submerged arc-welded) ferromagnetic steel tubes for the detection of longitudinal and/or transverse imperfections (ISO 10893-3:2011)
- EN ISO 10893-4:2011
Non-destructive testing of steel tubes – Part 4: Liquid penetrant inspection of seamless and welded steel tubes for the detection of surface imperfections (ISO 10893-4:2011)
- EN ISO 10893-5:2011
Non-destructive testing of steel tubes – Part 5: Magnetic particle inspection of seamless and welded ferromagnetic steel tubes for the detection of surface imperfections (ISO 10893-5:2011)
- EN ISO 10893-6:2011
Non-destructive testing of steel tubes – Part 6: Radiographic testing of the weld seam of welded steel tubes for the detection of imperfections (ISO 10893-6:2011)
- EN ISO 10893-7:2011
Non-destructive testing of steel tubes – Part 7: Digital radiographic testing of the weld seam of welded steel tubes for the detection of imperfections (ISO 10893-7:2011)
- EN ISO 10893-8:2011
Non-destructive testing of steel tubes – Part 8: Automated ultrasonic testing of seamless and welded steel tubes for the detection of laminar imperfections (ISO 10893-8:2011)
- EN ISO 10893-9:2011
Non-destructive testing of steel tubes – Part 9: Automated ultrasonic testing for the detection of laminar imperfections in strip/plate used for the manufacture of welded steel tubes (ISO 10893-9:2011)
- EN ISO 10893-10:2011
Non-destructive testing of steel tubes – Part 10: Automated full peripheral ultrasonic testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of longitudinal and/or transverse imperfections (ISO 10893-10:2011)

- EN ISO 10893-11:2011
Non-destructive testing of steel tubes – Part 11: Automated ultrasonic testing of the weld seam of welded steel tubes for the detection of longitudinal and/or transverse imperfections (ISO 10893-11:2011)
- EN ISO 10893-12:2011
Non-destructive testing of steel tubes – Part 12: Automated full peripheral ultrasonic thickness testing of seamless and welded (except submerged arc-welded) steel tubes (ISO 10893-12:2011)

23.040.20 Plastične cijevi

Međunarodna normizacija (ISO)

- ISO 21751:2011
Plastics pipes and fittings – Decohesion test of electrofusion assemblies – Strip-bend test
- ISO 11296-3:2009/Cor 1:2011
Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 3: Lining with close-fit pipes
- ISO 21307:2011
Plastics pipes and fittings – Butt fusion jointing procedures for polyethylene (PE) pipes and fittings used in the construction of gas and water distribution systems
- ISO 25780:2011
Plastics piping systems for pressure and non-pressure water supply, irrigation, drainage or sewerage – Glass-reinforced thermosetting plastics (GRP) systems based on unsaturated polyester (UP) resin – Pipes with flexible joints intended to be installed using jacking techniques

23.040.45 Plastični fitinzi

Međunarodna normizacija (ISO)

- ISO 21751:2011
Plastics pipes and fittings – Decohesion test of electrofusion assemblies – Strip-bend test
- ISO 11296-3:2009/Cor 1:2011
Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 3: Lining with close-fit pipes
- ISO 21307:2011
Plastics pipes and fittings – Butt fusion jointing procedures for polyethylene (PE) pipes and fittings used in the construction of gas and water distribution systems

23.040.60 Prirubnice, spojke i druge cijevne veze

Europska normizacija

- EN 1591-1:2001+A1:2009/AC:2011
Flanges and their joints – Design rules for gasketed circular flange connections – Part 1: Calculation method

23.040.70 Spojevi sipkih cijevi

Međunarodna normizacija (ISO)

- ISO 7751:1991/Amd 1:2011
Rubber and plastics hoses and hose assemblies – Ratios of proof and burst pressure to maximum working pressure; Amendment 1 – Replacement of “design working pressure” by “maximum working pressure” throughout text

Europska normizacija

EN ISO 3994:2011

Plastics hoses — Helical-thermoplastic-reinforced thermoplastics hoses for suction and discharge of aqueous materials — Specification (ISO 3994:2007)

EN ISO 7751:1997/A1:2011

Rubber and plastics hoses and hose assemblies — Ratios of proof and burst pressure to maximum working pressure — Amendment 1 — Replacement of “design working pressure” by “maximum working pressure” throughout text (ISO 7751:1991/Amd 1:2011)

EN ISO 8331:2011

Rubber and plastics hoses and hose assemblies — Guidelines for selection, storage, use and maintenance (ISO 8331:2007)

23.060.40 Regulatori tlaka

Europska normizacija

EN 60534-2-1:2011

Industrial-process control valves — Part 2-1: Flow capacity — Sizing equations for fluid flow under installed conditions

23.080 Pumpe

Međunarodna normizacija (ISO)

ISO 9905:1994/Amd 1:2011

Technical specifications for centrifugal pumps — Class I; Amendment 1

ISO 9908:1993/Amd 1:2011

Technical specifications for centrifugal pumps — Class III; Amendment 1

Europska normizacija

EN ISO 9905:1997/A1:2011

Technical specifications for centrifugal pumps — Class I — Amendment 1 (ISO 9905:1994/Amd 1:2011)

EN ISO 9908:1997/A1:2011

Technical specifications for centrifugal pumps — Class III — Amendment 1 (ISO 9908:1993/Amd 1:2011)

23.120 Ventilatori. Klimatizacijski uređaji

Europska normizacija

EN 50216-12:2011

Power transformer and reactor fittings — Part 12: Fans

25.020 Proizvodni procesi

Međunarodna normizacija (ISO)

ISO 17359:2011

Condition monitoring and diagnostics of machines — General guidelines

25.080.01 Alatni strojevi općenito

Međunarodna normizacija (ISO)

ISO 230-10:2011

Test code for machine tools — Part 10: Determination of the measuring performance of probing systems of numerically controlled machine tools

25.080.99 Drugi alatni strojevi

Europska normizacija

EN 61029-2-12:2011

Safety of transportable motor-operated electric tools — Part 2-12: Particular requirements for threading machines (IEC 61029-2-12:2010, modified)

25.100.20 Alati za glodanje

Međunarodna normizacija (ISO)

ISO 3860:2011

Bore cutters with key drive — Form milling cutters with constant profile

ISO 6462:2011

Face and shoulder milling cutters with indexable inserts — Dimensions

25.100.50 Ureznici i kalupi za navoje

Europska normizacija

EN 61029-2-12:2011

Safety of transportable motor-operated electric tools — Part 2-12: Particular requirements for threading machines (IEC 61029-2-12:2010, modified)

25.140.10 Pneumatski alati

Međunarodna normizacija (ISO)

ISO 28927-10:2011

Hand-held portable power tools — Test methods for evaluation of vibration emission — Part 10: Percussive drills, hammers and breakers

Europska normizacija

EN ISO 28927-10:2011

Hand-held portable power tools — Test methods for evaluation of vibration emission — Part 10: Percussive drills, hammers and breakers (ISO 28927-10:2011)

25.140.30 Ručni alati

Međunarodna normizacija (ISO)

ISO 1174-1:2011

Assembly tools for screws and nuts — Driving squares — Part 1: Driving squares for hand socket tools

ISO 3315:2011

Assembly tools for screws and nuts — Driving parts for hand-operated square drive socket wrenches — Dimensions and tests

25.140.99 Drugi ručni alati

Europska normizacija

EN 15895:2011

Cartridge operated hand-held tools — Safety requirements — Fixing and hard marking tools

25.160.20 Potrošna gradiva za zavarivanje

Međunarodna normizacija (ISO)

ISO 12153:2011

Welding consumables — Tubular cored electrodes for gas shielded and non-gas shielded metal arc welding of nickel and nickel alloys — Classification

- ISO 15792-3:2011
Welding consumables — Test methods — Part 3:
Classification testing of positional capacity and root
penetration of welding consumables in a fillet weld
- ISO 18275:2011
Welding consumables — Covered electrodes for
manual metal arc welding of high-strength steels —
Classification

Europska normizacija

- EN ISO 15792-3:2011
Welding consumables — Test methods — Part 3:
Classification testing of positional capacity and root
penetration of welding consumables in a fillet weld
(ISO 15792-3:2011)

25.160.30 Oprema za zavarivanje

Međunarodna normizacija (IEC)

- IEC 60974-12:2011
Arc welding equipment — Part 12: Coupling devices
for welding cables
- IEC 60974-13:2011
Arc welding equipment — Part 13: Welding clamp

Europska normizacija

- EN 60974-4:2011
Arc welding equipment — Part 4: Periodic inspection
and testing (IEC 60974-4:2010)

25.160.40 Zavareni spojevi

Međunarodna normizacija (ISO)

- ISO 6947:2011
Welding and allied processes — Welding positions

Europska normizacija

- EN ISO 6947:2011
Welding and allied processes — Welding positions
(ISO 6947:2011)

25.180.10 Električne peći

Međunarodna normizacija (IEC)

- IEC 61307:2011
Industrial microwave heating installations — Test
methods for the determination of power output

Europska normizacija

- EN 60519-6:2011
Safety in electroheat installations — Part 6:
Specifications for safety in industrial microwave
heating equipment

25.220.20 Površinska obradba

Međunarodna normizacija (ISO)

- ISO 10216:2010/Cor 1:2011
Anodizing of aluminium and its alloys — Instrumental
determination of image clarity of anodic oxidation
coatings — Instrumental method; Technical
Corrigendum 1

25.220.50 Čakline

Europska normizacija

- EN ISO 28706-1:2011
Vitreous and porcelain enamels — Determination
of resistance to chemical corrosion — Part 1:

Determination of resistance to chemical corrosion by
acids at room temperature (ISO 28706-1:2008)

EN ISO 28706-2:2011

Vitreous and porcelain enamels — Determination
of resistance to chemical corrosion — Part 2:
Determination of resistance to chemical corrosion
by boiling acids, boiling neutral liquids and/or their
vapours (ISO 28706-2:2008)

EN ISO 28706-3:2011

Vitreous and porcelain enamels — Determination
of resistance to chemical corrosion — Part 3:
Determination of resistance to chemical corrosion by
alkaline liquids using a hexagonal vessel
(ISO 28706-3:2008)

EN ISO 28706-4:2011

Vitreous and porcelain enamels — Determination
of resistance to chemical corrosion — Part 4:
Determination of resistance to chemical corrosion by
alkaline liquids using a cylindrical vessel
(ISO 28706-4:2008)

27.070 Gorivi članci

Međunarodna normizacija (IEC)

- IEC/PAS 62282-6-150:2011
Fuel cell technologies — Part 6-150: Micro fuel cell
power systems — Safety — Water reactive (UN Devison
4.3) compounds in indirect PEM fuel cells

27.080 Toplinske pumpe

Europska normizacija

- EN 16084:2011
Refrigerating systems and heat pumps — Qualification
of tightness of components and joints

27.160 Sunčeva energija

Europska normizacija

- EN 62116:2011
Test procedure of islanding prevention measures for
utility-interconnected photovoltaic inverters
- EN 60904-5:2011
Photovoltaic devices — Part 5: Determination of the
equivalent cell temperature (ECT) of photovoltaic (PV)
devices by the open-circuit voltage method

27.200 Rashladna tehnika

Europska normizacija

- EN 16084:2011
Refrigerating systems and heat pumps — Qualification
of tightness of components and joints

29.020 Elektrotehnika općenito

Međunarodna normizacija (IEC)

- IEC 60050-113:2011
International Electrotechnical Vocabulary — Part 113:
Physics for electrotechnology

Europska normizacija

- EN 60300-3-12:2011
Dependability management — Part 3-12: Application
guide — Integrated logistic support
(IEC 60300-3-12:2011)

29.035.01 Izolacijska gradiva općenito

Međunarodna normizacija (IEC)

IEC 62631-1:2011

Dielectric and resistive properties of solid insulating materials – Part 1: General

29.035.20 Plastična i gumena izolacijska gradiva

Međunarodna normizacija (IEC)

IEC 60893-3-2:2003/am1:2011

Insulating materials – Industrial rigid laminated sheets based on thermosetting resins for electrical purposes – Part 3-2: Specifications for individual materials – Requirements for rigid laminated sheets based on epoxy resins

Europska normizacija

EN 50525-2-11:2011

Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-11: Cables for general applications – Flexible cables with thermoplastic PVC insulation

EN 50525-2-12:2011

Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-12: Cables for general applications – Cables with thermoplastic PVC insulation for extensible leads

EN 50525-2-21:2011

Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-21: Cables for general applications – Flexible cables with crosslinked elastomeric insulation

EN 50525-2-22:2011

Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-22: Cables for general applications – High flexibility braided cables with crosslinked elastomeric insulation

EN 50525-2-31:2011

Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-31: Cables for general applications – Single core non-sheathed cables with thermoplastic PVC insulation

EN 50525-2-41:2011

Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-41: Cables for general applications – Single core cables with crosslinked silicone rubber insulation

EN 50525-2-42:2011

Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-42: Cables for general applications – Single core non-sheathed cables with crosslinked EVA insulation

EN 50525-2-51:2011

Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-51: Cables for general applications – Oil resistant control cables with thermoplastic PVC insulation

EN 50525-2-71:2011

Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-71: Cables for general applications – Flat tinsel cables (cords) with thermoplastic PVC insulation

EN 50525-2-72:2011

Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) –

Part 2-72: Cables for general applications – Flat divisible cables (cords) with thermoplastic PVC insulation

EN 50525-2-81:2011

Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-81: Cables for general applications – Cables with crosslinked elastomeric covering for arc welding

EN 50525-2-82:2011

Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-82: Cables for general applications – Cables with crosslinked elastomeric insulation for decorative chains

EN 50525-2-83:2011

Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-83: Cables for general applications – Multicore cables with crosslinked silicone rubber insulation

EN 50525-3-11:2011

Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 3-11: Cables with special fire performance – Flexible cables with halogen-free thermoplastic insulation, and low emission of smoke

EN 50525-3-21:2011

Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 3-21: Cables with special fire performance – Flexible cables with halogen-free crosslinked insulation, and low emission of smoke

EN 50525-3-31:2011

Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 3-31: Cables with special fire performance – Single core non-sheathed cables with halogen-free thermoplastic insulation, and low emission of smoke

EN 50525-3-41:2011

Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 3-41: Cables with special fire performance – Single core non-sheathed cables with halogen-free crosslinked insulation, and low emission of smoke

29.060.20 Kabeli

Europska normizacija

EN 50399:2011

Common test methods for cables under fire conditions – Heat release and smoke production measurement on cables during flame spread test – Test apparatus, procedures, results

EN 50525-1:2011

Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 1: General requirements

EN 50525-2-11:2011

Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-11: Cables for general applications – Flexible cables with thermoplastic PVC insulation

EN 50525-2-12:2011

Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-12: Cables for general applications – Cables with thermoplastic PVC insulation for extensible leads

EN 50525-2-21:2011

Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-21: Cables for general applications – Flexible cables with crosslinked elastomeric insulation

- EN 50525-2-22:2011
Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-22: Cables for general applications – High flexibility braided cables with crosslinked elastomeric insulation
- EN 50525-2-31:2011
Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-31: Cables for general applications – Single core non-sheathed cables with thermoplastic PVC insulation
- EN 50525-2-41:2011
Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-41: Cables for general applications – Single core cables with crosslinked silicone rubber insulation
- EN 50525-2-42:2011
Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-42: Cables for general applications – Single core non-sheathed cables with crosslinked EVA insulation
- EN 50525-2-51:2011
Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-51: Cables for general applications – Oil resistant control cables with thermoplastic PVC insulation
- EN 50525-2-71:2011
Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-71: Cables for general applications – Flat tinsel cables (cords) with thermoplastic PVC insulation
- EN 50525-2-72:2011
Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-72: Cables for general applications – Flat divisible cables (cords) with thermoplastic PVC insulation
- EN 50525-2-81:2011
Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-81: Cables for general applications – Cables with crosslinked elastomeric covering for arc welding
- EN 50525-2-82:2011
Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-82: Cables for general applications – Cables with crosslinked elastomeric insulation for decorative chains
- EN 50525-2-83:2011
Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 2-83: Cables for general applications – Multicore cables with crosslinked silicone rubber insulation
- EN 50525-3-11:2011
Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 3-11: Cables with special fire performance – Flexible cables with halogen-free thermoplastic insulation, and low emission of smoke
- EN 50525-3-21:2011
Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 3-21: Cables with special fire performance – Flexible cables with halogen-free crosslinked insulation, and low emission of smoke
- EN 50525-3-31:2011
Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 3-31: Cables with special fire performance – Single core non-sheathed cables with halogen-free thermoplastic insulation, and low emission of smoke

- EN 50525-3-41:2011
Electric cables – Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) – Part 3-41: Cables with special fire performance – Single core non-sheathed cables with halogen-free crosslinked insulation, and low emission of smoke

29.120.30 Utikači, utičnice, sprežnici

Međunarodna normizacija (IEC)

- IEC 60906-2:2011
IEC system of plugs and socket-outlets for household and similar purposes – Part 2: Plugs and socket-outlets 15 A 125 V a.c. and 20 A 125 V a.c.

29.120.50 Osigurači i drugi uređaji za nadstrujnu zaštitu

Europska normizacija

- CLC/TR 60269-5:2011
Low-voltage fuses – Part 5: Guidance for the application of low-voltage fuses (IEC/TR 60269-5:2010)
- EN 60269-6:2011
Low-voltage fuses – Part 6: Supplementary requirements for fuse-links for the protection of solar photovoltaic energy systems (IEC 60269-6:2010+Corr.1:2010)

29.120.70 Sklopnici

Međunarodna normizacija (IEC)

- IEC 61812-1:2011
Time relays for industrial and residential use – Part 1: Requirements and tests

Europska normizacija

- EN 60255-22-5:2011
Measuring relays and protection equipment – Part 22-5: Electrical disturbance tests – Surge immunity test (IEC 60255-22-5:2008)
- EN 61810-2:2011
Electromechanical elementary relays – Part 2: Reliability (IEC 61810-2:2011)
- EN 61810-2-1:2011
Electromechanical elementary relays – Part 2-1: Reliability – Procedure for the verification of B10 values (IEC 61810-2-1:2011)

29.130.20 Niskonaponski rasklopnici i upravljački uređaji

Međunarodna normizacija (IEC)

- IEC 60947-4-2:2011
Low-voltage switchgear and controlgear – Part 4-2: Contactors and motor-starters – AC semiconductor motor controllers and starters
- IEC 60947-8:2003/am2:2011
Amendment 2 – Low-voltage switchgear and controlgear – Part 8: Control units for built-in thermal protection (PTC) for rotating electrical machines

29.140.10 Kape i držači svjetiljki

Međunarodna normizacija (IEC)

- IEC 60400:2008/am1:2011
Amendment 1 – Lampholders for tubular fluorescent lamps and starterholders
- IEC 61184:2008/am1:2011
Amendment 1 – Bayonet lampholders

Europska normizacija

- EN 60238:2004/A2:2011
Edison screw lampholders
(IEC 60238:2004/am2:2011)
- EN 60838-1:2004/A2:2011
Miscellaneous lampholders – Part 1: General requirements and tests
(IEC 60838-1:2004/am2:2011)

29.140.30 Fluorescentne svjetiljke. Svjetiljke s izbojem

Međunarodna normizacija (IEC)

- IEC 62386-210:2011
Digital addressable lighting interface – Part 210: Particular requirements for control gear – Sequencer (device type 9)

Europska normizacija

- EN 61167:2011
Metal halide lamps – Performance specification
(IEC 61167:2011)
- EN 62532:2011
Fluorescent induction lamps – Safety specifications
(IEC 62532:2011)

29.140.40 Rasvjetna tijela

Međunarodna normizacija (IEC)

- IEC 60598-2-3:2002/am1:2011
Amendment 1 – Luminaires – Part 2-3: Particular requirements – Luminaires for road and street lighting
- IEC/TR 62696:2011
Luminaires – Application of the IK code IEC 62262

Europska normizacija

- EN 60598-2-3:2003/A1:2011
Luminaires – Part 2-3: Particular requirements – Luminaires for road and street lighting
(IEC 60598-2-3:2002/am1:2011)

29.140.50 Rasvjetni instalacijski sustavi

Međunarodna normizacija (IEC)

- IEC 61534-1:2011
Powertrack systems – Part 1: General requirements

29.140.99 Druge norme koje se odnose na svjetiljke

Međunarodna normizacija (IEC)

- IEC/PAS 62717:2011
LED modules for general lighting – Performance requirements
- IEC 61347-2-3:2011
Lamp control gear – Part 2-3: Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps

29.160.01 Rotacijski strojevi općenito

Međunarodna normizacija (IEC)

- IEC 60034-16-1:2011
Rotating electrical machines – Part 16-1: Excitation systems for synchronous machines – Definitions

29.180 Transformatori. Prigušnice

Međunarodna normizacija (IEC)

- IEC 60076-1:2011
Power transformers – Part 1: General
- IEC 61558-1:2005/Corr.3:2011
Safety of power transformers, power supplies, reactors and similar products – Part 1: General requirements and tests

Europska normizacija

- EN 50216-12:2011
Power transformer and reactor fittings – Part 12: Fans
- EN 60076-2:2011
Power transformers – Part 2: Temperature rise for liquid-immersed transformers (IEC 60076-2:2011)
- EN 50541-1:2011
Three phase dry-type distribution transformers 50 Hz, from 100 kVA to 3 150 kVA, with highest voltage for equipment not exceeding 36 kV – Part 1: General requirements

29.200 Ispravljači. Pretvarači. Stabilizirano napajanje

Europska normizacija

- EN 62637-1:2011
Battery charging interface for small handheld multimedia devices – Part 1: 2 mm barrel interface (IEC 62637-1:2011)
- EN 62637-2:2011
Battery charging interface for small handheld multimedia devices – Part 2: 2 mm barrel type interface conformance testing (IEC 62637-2:2011)

29.220.10 Primarni članci i baterije

Europska normizacija

- EN 60086-1:2011
Primary batteries – Part 1: General (IEC 60086-1:2011)
- EN 60086-2:2011
Primary batteries – Part 2: Physical and electrical specifications (IEC 60086-2:2011)
- EN 60086-5:2011
Primary batteries – Part 5: Safety of batteries with aqueous electrolyte (IEC 60086-5:2011)

29.220.30 Alkalni sekundarni članci i baterije

Međunarodna normizacija (IEC)

- IEC 61951-2:2011
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Portable sealed rechargeable single cells – Part 2: Nickel-metal hydride

29.260.20 Električni uređaji za eksplozivnu atmosfera

Međunarodna normizacija (ISO)

- ISO/IEC 80079-34:2011
Explosive atmospheres – Part 34: Application of quality systems for equipment manufacture

Međunarodna normizacija (IEC)

IEC 60079-35-1:2011

Explosive atmospheres – Part 35-1: Caplights for use in mines susceptible to firedamp – General requirements – Construction and testing in relation to the risk of explosion

31.020 Elektroničke sastavnice općenito

Europska normizacija

EN 60300-3-12:2011

Dependability management – Part 3-12: Application guide – Integrated logistic support (IEC 60300-3-12:2011)

31.080.01 Poluvodički uređaji općenito

Međunarodna normizacija (IEC)

IEC 60749-21:2011

Semiconductor devices – Mechanical and climatic test methods – Part 21: Solderability

IEC 60749-29:2011

Semiconductor devices – Mechanical and climatic test methods – Part 29: Latch-up test

IEC 60749-30:2005/am1:2011

Amendment 1 – Semiconductor devices – Mechanical and climatic test methods – Part 30: Preconditioning of non-hermetic surface mount devices prior to reliability testing

IEC 62258-2:2011

Semiconductor die products – Part 2: Exchange data formats

Europska normizacija

EN 62047-8:2011

Semiconductor devices – Micro-electromechanical devices – Part 8: Strip bending test method for tensile property measurement of thin films (IEC 62047-8:2011)

31.080.20 Tiristori

Međunarodna normizacija (IEC)

IEC 61954:2011

Static var compensators (SVC) – Testing of thyristor valves

31.080.99 Drugi poluvodički uređaji

Međunarodna normizacija (IEC)

IEC 60747-16-4 ed1.1:2011

Semiconductor – devices – Part 16-4: Microwave integrated circuits – Switches

31.140 Piezoelektrični i dielektrični uređaji

Europska normizacija

EN 60679-6:2011

Quartz crystal controlled oscillators of assessed quality – Part 6: Phase jitter measurement method for quartz crystal oscillators and SAW oscillators – Application guidelines (IEC 60679-6:2011)

31.220.01 Elektromehaničke sastavnice općenito

Europska normizacija

EN 62047-8:2011

Semiconductor devices – Micro-electromechanical devices – Part 8: Strip bending test method for tensile property measurement of thin films (IEC 62047-8:2011)

31.220.10 Utikački i utičnički uređaji. Konektori

Međunarodna normizacija (IEC)

IEC 60512-8-2:2011

Connectors for electronic equipment – Tests and measurements – Part 8-2: Static load tests (fixed connectors) – Test 8b: Static load, axial

IEC 60512-8-3:2011

Connectors for electronic equipment – Tests and measurements – Part 8-3: Static load tests (fixed connectors) – Test 8c: Robustness of actuating lever

IEC 60512-9-4:2011

Connectors for electronic equipment – Tests and measurements – Part 9-4: Endurance tests – Test 9d: Durability of contact retention system and seals (maintenance, ageing)

IEC 60512-17-2:2011

Connectors for electronic equipment – Tests and measurements – Part 17-2: Cable clamping tests – Test 17b: Cable clamp resistance to cable rotation

IEC 60603-7-1:2011

Connectors for electronic equipment – Part 7-1: Detail specification for 8-way, shielded, free and fixed connectors

IEC 60512-26-100 ed1.1:2011

Connectors for electronic equipment – Tests and measurements – Part 26-100: Measurement setup, test and reference arrangements and measurements for connectors according to IEC 60603-7 – Tests 26a to 26g

Europska normizacija

EN 60130-9:2011

Connectors for frequencies below 3 MHz – Part 9: Circular connectors for radio and associated sound equipment (IEC 60130-9:2011)

EN 60352-8:2011

Solderless connections – Part 8: Compression mount connections – General requirements, test methods and practical guidance (IEC 60352-8:2011)

EN 60512-26-100:2008/A1:2011

Connectors for electronic equipment – Tests and measurements – Part 26-100: Measurement setup, test and reference arrangements and measurements for connectors according to IEC 60603-7 – Tests 26a to 26g (IEC 60512-26-100:2008/A1:2011)

31.240 Mehaničke konstrukcije za elektroničku opremu

Međunarodna normizacija (IEC)

IEC 61837-2:2011

Surface mounted piezoelectric devices for frequency control and selection – Standard outlines and terminal lead connections – Part 2: Ceramic enclosures

31.260 Optoelektronika. Laserska oprema

Europska normizacija

EN 60825-4:2006/A2:2011
Safety of laser products – Part 4: Laser guards
(IEC 60825-4:2006/am2:2011)

33.020 Telekomunikacije općenito

Europska normizacija

EN 60300-3-12:2011
Dependability management – Part 3-12:
Application guide – Integrated logistic support
(IEC 60300-3-12:2011)

33.040.30 Komutacijski i signalizacijski sustavi

Europska normizacija

EN 50065-1:2011
Signalling on low-voltage electrical installations in the
frequency range 3 kHz to 148,5 kHz – Part 1: General
requirements, frequency bands and electromagnetic
disturbances

33.040.40 Mreže za prijenos podataka

Međunarodna normizacija (IEC)

IEC 61850-4:2011
Communication networks and systems for power
utility automation – Part 4: System and project
management

33.060.40 Kabelski sustavi za razdiobu

Međunarodna normizacija (IEC)

IEC 60728-6:2011
Cable networks for television signals, sound signals
and interactive services – Part 6: Optical equipment

33.070.01 Pokretne službe općenito

Međunarodna normizacija (IEC)

IEC 62232:2011
Determination of RF field strength and SAR in the
vicinity of radiocommunication base stations for the
purpose of evaluating human exposure

IEC/TR 62699:2011
Case studies supporting IEC 62232 – Determination
of RF field strength and SAR in the vicinity of
radiocommunication base stations for the purpose
of evaluating human exposure

33.070.10 Zemaljski radio (TETRA)

Europska normizacija

EN 300 392-12-21 V1.4.1
Terrestrial Trunked Radio (TETRA) – Voice plus Data
(V+D) – Part 12: Supplementary services stage 3 –
Sub-part 21: Ambience Listening (AL)

33.100.01 Elektromagnetska spojivost općenito

Međunarodna normizacija (IEC)

IEC 60118-13:2011
Electroacoustics – Hearing aids – Part 13:
Electromagnetic compatibility (EMC)

IEC/TR 61000-2-5:2011
Electromagnetic compatibility (EMC) – Part 2-5:
Environment – Description and classification of
electromagnetic environments

IEC 61000-4-11 Interpretation Sheet 1:2010
Interpretation Sheet 1 – Electromagnetic compatibility
(EMC) – Part 4-11: Testing and measurement
techniques – Voltage dips, short interruptions and
voltage variations immunity tests

Europska normizacija

EN 55016-2-1:2009/A1:2011
Specification for radio disturbance and immunity
measuring apparatus and methods – Part 2-1:
Methods of measurement of disturbances and
immunity – Conducted disturbance measurements
(CISPR/TR 16-3:2008/A1:2010)

EN 300 676-1 V1.5.2
Ground-based VHF hand-held, mobile and fixed
radio transmitters, receivers and transceivers for the
VHF aeronautical mobile service using amplitude
modulation – Part 1: Technical characteristics and
methods of measurement

EN 61000-4-21:2011
Electromagnetic compatibility (EMC) – Part 4-21:
Testing and measurement techniques – Reverberation
chamber test methods

33.100.10 Zračenje

Međunarodna normizacija (IEC)

IEC 61000-3-12:2011
Electromagnetic compatibility (EMC) – Part 3-12:
Limits – Limits for harmonic currents produced by
equipment connected to public low-voltage systems
with input current >16 A and ≤ 75 A per phase

Europska normizacija

EN 61000-6-3:2007/A1:2011
Electromagnetic compatibility (EMC) – Part 6-3:
Generic standards – Emission standard for residential,
commercial and light-industrial environments
(IEC 61000-6-3:2006/am1:2010)

EN 50065-1:2011
Signalling on low-voltage electrical installations in the
frequency range 3 kHz to 148,5 kHz – Part 1: General
requirements, frequency bands and electromagnetic
disturbances

33.100.20 Neosjetljivost

Međunarodna normizacija (IEC)

IEC 61000-4-16 ed1.2:2011
Electromagnetic compatibility (EMC) – Part 4-16:
Testing and measurement techniques – Test for
immunity to conducted, common mode disturbances
in the frequency range 0 Hz to 150 kHz

Europska normizacija

EN 55016-2-2:2011

Specification for radio disturbance and immunity measuring apparatus and methods – Part 2-2: Methods of measurement of disturbances and immunity – Measurement of disturbance power (CISPR 16-2-2:2010)

33.120.20 Žice i simetrični kabe

Međunarodna normizacija (IEC)

IEC/TR 61156-1-3:2011

Multicore and symmetrical pair/quad cables for digital communications – Part 1-3: Electrical transmission parameters for modelling cable assemblies using symmetrical pair/quad cables

33.120.30 RF konektori

Europska normizacija

EN 61169-41:2011

Radio-frequency connectors – Part 41: Sectional specification for CQA series quick lock R.F. coaxial connectors (IEC 61169-41:2011)

EN 61169-39:2011

Radio-frequency connectors – Part 39: Sectional specification for CQM series quick lock RF connectors (IEC 61169-39:2009)

EN 61169-40:2011

Radio-frequency connectors – Part 40: Sectional specification for 2.4 series RF connectors (IEC 61169-40:2010)

33.160.30 Audiosustavi

Međunarodna normizacija (IEC)

IEC 61937-10:2011

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 62574:2011

Audio, video and multimedia systems – General channel assignment of multichannel audio

Europska normizacija

EN 62571:2011

Digital audiobook file format and player requirements (IEC 62571:2011)

33.160.50 Pribor

Europska normizacija

EN 62458:2011

Sound system equipment – Electroacoustic transducers – Measurement of large signal parameters (IEC 62458:2010)

EN 62459:2011

Sound system equipment – Electroacoustic transducers – Measurement of suspension parts (IEC 62459:2010)

33.180.10 Svjetlovodna vlakna i kabe

Međunarodna normizacija (IEC)

IEC 60793-1-44:2011

Optical fibres – Part 1-44: Measurement methods and test procedures – Cut-off wavelength

IEC/TR 62048:2011

Optical fibres – Reliability – Power law theory

Europska normizacija

EN 60793-2-10:2011

Optical fibres – Part 2-10: Product specifications – Sectional specification for category A1 multimode fibres (IEC 60793-2-10:2011)

33.180.20 Svjetlovodni vezni uređaji

Međunarodna normizacija (IEC)

IEC 61300-2-47:2010/Corr.1:2011

Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-47: Tests – Thermal shocks

IEC 61753-141-2:2011

Fibre optic interconnecting devices and passive components – Performance standard – Part 141-2: Fibre optic passive chromatic dispersion compensator using single-mode dispersion compensating fibre for category C – Controlled environments

IEC/TR 62627-03-01:2011

Fibre optic interconnecting devices and passive components – Part 03-01: Reliability – Design of an acceptance test for fibre pistoning failure of connectors during temperature and humidity cycling: demarcation analysis

IEC 61300-3-45:2011

Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-45: Examinations and measurements – Attenuation of random mated multi-fibre connectors

Europska normizacija

EN 50377-4-2:2011

Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 4-2: Type SC/APC simplex 8° terminated on IEC 60793-2-50 of types B1.1 and B1.3 singlemode fibre, with full zirconia ferrule category U

EN 50377-13-2:2011

Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 13-2: Type LX.5-PC DUPLEX terminated on IEC 60793-2-50 category B1.1 and B1.3 singlemode fibre, with full zirconia ferrule category U

EN 50377-13-3:2011

Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 13-3: Type LX.5-APC DUPLEX terminated on IEC 60793-2-50 category B1.1 and B1.3 singlemode fibre, with full zirconia ferrule category U

EN 50411-3-2:2011

Fibre organisers and closures to be used in optical fibre communication systems – Product specifications – Part 3-2: Singlemode mechanical fibre splice

EN 61300-2-6:2011

Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-6: Tests – Tensile strength of coupling mechanism (IEC 61300-2-6:2010)

EN 61300-3-22:2011

Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-22: Examinations and measurements – Ferrule compression force (IEC 61300-3-22:2010)

- EN 61753-087-2:2011
Fibre optic interconnecting devices and passive components – Performance standard – Part 087-2: Non-connectorized single-mode bidirectional 1310 nm upstream and 1490 nm downstream WDM devices for category C – Controlled environment (IEC 61753-087-2:2010)
- EN 50377-7-4:2011
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 7-4: LC-PC simplex terminated on IEC 60793-2-50 category B1.1 and B1.3 singlemode fibre with full zirconia ferrule for category C
- EN 61300-1:2011
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 1: General and guidance (IEC 61300-1:2011)
- EN 61300-2-5:2011
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-5: Tests – Torsion (IEC 61300-2-5:2009)
- EN 61753-087-2:2011/AC:2011
Fibre optic interconnecting devices and passive components – Performance standard – Part 087-2: Non-connectorized single-mode bidirectional 1310 nm upstream and 1490 nm downstream WDM devices for category C – Controlled environment

33.180.30 Optička pojačala

Europska normizacija

- EN 62343-2:2011
Dynamic modules – Part 2: Reliability qualification

35.020 Informacijska tehnika (IT) općenito

Međunarodna normizacija (ISO)

- ISO/IEC 20000-1:2011
Information technology – Service management – Part 1: Service management system requirements

Europska normizacija

- EN ISO 16266:2008
Water quality – Detection and enumeration of *Pseudomonas aeruginosa* – Method by membrane filtration (ISO 16266:2006)
- EN 60300-3-12:2011
Dependability management – Part 3-12: Application guide – Integrated logistic support (IEC 60300-3-12:2011)

35.040 Skupovi znakova i informacijsko kodiranje

Međunarodna normizacija (ISO)

- ISO/IEC 13818-1:2007/Cor 3:2011
Information technology – Generic coding of moving pictures and associated audio information – Part 1: Systems – Technical Corrigendum 3: Corrections concerning VBV buffer size, semantics of splice type and removal rate from transport buffer for ITU-T H.264
ISO/IEC 14496-10 advanced video coding
- ISO/IEC 13818-1:2007/Amd 3:2009/Cor 1:2011
Information technology – Generic coding of moving pictures and associated audio information – Part 1: Systems – Amendment 3: Transport of scalable video over Rec. ITU-T H.222.0 | ISO/IEC 13818-1

- ISO/IEC 15444-9:2005/Amd 4:2010
Information technology – JPEG 2000 image coding system: Interactivity tools, APIs and protocols – Amendment 4: JPIP server and client profiles
- ISO/IEC 23005-1:2011
Information technology – Media context and control – Part 1: Architecture
- ISO/IEC 24724:2011
Information technology – Automatic identification and data capture techniques – GS1 DataBar bar code symbology specification
- ISO/IEC 9797-2:2011
Information technology – Security techniques – Message Authentication Codes (MACs) – Part 2: Mechanisms using a dedicated hash-function
- ISO/IEC 13818-4:2004/Cor 2:2011
Information technology – Generic coding of moving pictures and associated audio information – Part 4: Conformance testing
- ISO/IEC 14496-5:2001/Amd 28:2011
Information technology – Coding of audio-visual objects – Part 5: Reference software – Amendment 28: Reference software for LAsER adaptation tools
- ISO/IEC 14496-12:2008/Cor 4:2011
Information technology – Coding of audio-visual objects – Part 12: ISO base media file format; Technical Corrigendum 4
- ISO/IEC 14496-15:2010/Cor 1:2011
Information technology – Coding of audio-visual objects – Part 15: Advanced Video Coding (AVC) file format; Technical Corrigendum 1
- ISO/IEC 14496-25:2011
Information technology – Coding of audio-visual objects – Part 25: 3D Graphics Compression Model
- ISO/IEC 14496-26:2010/Cor 3:2011
Information technology – Coding of audio-visual objects – Part 26: Audio conformance; Technical Corrigendum 3
- ISO/IEC 15444-12:2008/Cor 4:2011
Information technology – JPEG 2000 image coding system – Part 12: ISO base media file format; Technical Corrigendum 4
- ISO/IEC 19784-2:2007/Cor 1:2011
Information technology – Biometric application programming interface – Part 2: Biometric archive function provider interface; Technical Corrigendum 1
- ISO/IEC 23000-9:2008/Amd 1:2010/Cor 1:2011
Information technology – Multimedia application format (MPEG-A) – Part 9: Digital Multimedia Broadcasting application format – Amendment 1: Conformance and reference software; Technical Corrigendum 1
- ISO/IEC 23005-6:2011
Information technology – Media context and control – Part 6: Common types and tools
- ISO/IEC 27005:2011
Information technology – Security techniques – Information security risk management

Međunarodna normizacija (IEC)

- IEC 62258-2:2011
Semiconductor die products – Part 2: Exchange data formats

35.060 Jezici koji se upotrebljavaju u informatičkoj tehnici

Međunarodna normizacija (IEC)

IEC 62530:2011
SystemVerilog – Unified Hardware Design, Specification, and Verification Language

Europska normizacija

EN 61804-3:2011
Function Blocks (FB) for process control – Part 3: Electronic Device Description Language (EDDL) (IEC 61804-3:2010)

35.080 Razvoj računalne podrške i dokumentacijski sustav

Međunarodna normizacija (ISO)

ISO/IEC/IEEE 24765:2010
Systems and software engineering – Vocabulary
ISO/IEC/IEEE 26512:2011
Systems and software engineering – Requirements for acquirers and suppliers of user documentation
ISO/IEC TR 29110-5-1-2:2011
Software engineering – Lifecycle profiles for Very Small Entities (VSEs) – Part 5-1-2: Management and engineering guide: Generic profile group: Basic profile

Međunarodna normizacija (IEC)

IEC 61691-1-1:2011
Behavioural languages – Part 1-1: VHDL Language Reference Manual

Europska normizacija

CEN ISO/TR 9241-100:2011
Ergonomics of human-system interaction – Part 100: Introduction to standards related to software ergonomics (ISO/TR 9241-100:2010)

35.110 Umreživanje

Europska normizacija

EN 50173-2:2007/A1:2010/AC:2011
Information technology – Generic cabling systems – Part 2: Office premises
EN 50173-3:2007/A1:2010/AC:2011
Information technology – Generic cabling systems – Part 3: Industrial premises
EN 50173-4:2007/A1:2010/AC:2011
Information technology – Generic cabling systems – Part 4: Homes
EN 50173-5:2007/A1:2010/AC:2011
Information technology – Generic cabling systems – Part 5: Data centres
EN 50174-2:2009/A1:2011/AC:2011
Information technology – Cabling installation – Part 2: Installation planning and practices inside buildings

35.140 Računalna grafika

Međunarodna normizacija (ISO)

ISO/IEC 18042-4:2006/Amd 1:2011
Information technology – Computer graphics and image processing – Spatial Reference Model (SRM) language bindings – Part 4: C

35.160 Mikroprocesorski sustavi

Međunarodna normizacija (IEC)

IEC 61784-3-18:2011
Industrial communication networks – Profiles – Part 3-18: Functional safety fieldbuses – Additional specifications for CPF 18

35.180 Terminalna i druga vanjska oprema

Međunarodna normizacija (ISO)

ISO/IEC 13066-1:2011
Information technology – Interoperability with assistive technology (AT) – Part 1: Requirements and recommendations for interoperability

35.220.30 Optički uređaji za pohranu podataka

Međunarodna normizacija (ISO)

ISO/IEC 12862:2011
Information technology – 120 mm (8,54 Gbytes per side) and 80 mm (2,66 Gbytes per side) DVD recordable disk for dual layer (DVD-R for DL)

35.240.15 Identifikacijske kartice i srodni uređaji

Međunarodna normizacija (ISO)

ISO/IEC 14443-3:2011
Identification cards – Contactless integrated circuit cards – Proximity cards – Part 3: Initialization and anticollision
ISO/IEC 29109-5:2011
Information technology – Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 – Part 5: Face image data
ISO/IEC 24727-4:2008/Cor 1:2011
Identification cards – Integrated circuit card programming interfaces – Part 4: Application programming interface (API) administration

35.240.30 Primjene IT-a u obavješćivanju, dokumentaciji i izdavaštvu

Međunarodna normizacija (ISO)

ISO/IEC 13249-3:2011
Information technology – Database languages – SQL multimedia and application packages – Part 3: Spatial
ISO 28560-1:2011
Information and documentation – RFID in libraries – Part 1: Data elements and general guidelines for implementation
ISO 28560-2:2011
Information and documentation – RFID in libraries – Part 2: Encoding of RFID data elements based on rules from ISO/IEC 15962
ISO 28560-3:2011
Information and documentation – RFID in libraries – Part 3: Fixed length encoding
ISO 12640-4:2011
Graphic technology – Prepress digital data exchange – Part 4: Wide gamut display-referred standard colour image data [Adobe RGB (1998)/SCID]

Europska normizacija

EN 62571:2011
Digital audiobook file format and player requirements
(IEC 62571:2011)

35.240.50 Primjene IT-a u industriji

Međunarodna normizacija (ISO)

ISO 10303-203:2011
Industrial automation systems and integration –
Product data representation and exchange –
Part 203: Application protocol: Configuration controlled
3D design of mechanical parts and assemblies

ISO 10303-210:2011
Industrial automation systems and integration –
Product data representation and exchange –
Part 210: Application protocol: Electronic assembly,
interconnect, and packaging design

ISO 22093:2011
Industrial automation systems and integration –
Physical device control – Dimensional Measuring
Interface Standard (DMIS)

Međunarodna normizacija (IEC)

IEC 61784-3-18:2011
Industrial communication networks – Profiles –
Part 3-18: Functional safety fieldbuses – Additional
specifications for CPF 18

Europska normizacija

EN 61804-3:2011
Function Blocks (FB) for process control – Part 3:
Electronic Device Description Language (EDDL)
(IEC 61804-3:2010)

35.240.60 Primjene IT-a u prijevozu i trgovini

Međunarodna normizacija (ISO)

ISO 14223-1:2011
Radiofrequency identification of animals – Advanced
transponders – Part 1: Air interface

ISO 28560-1:2011
Information and documentation – RFID in libraries
– Part 1: Data elements and general guidelines for
implementation

ISO 28560-2:2011
Information and documentation – RFID in libraries
– Part 2: Encoding of RFID data elements based on
rules from ISO/IEC 15962

ISO 28560-3:2011
Information and documentation – RFID in libraries –
Part 3: Fixed length encoding

ISO 29281:2011
Intelligent transport systems – Communications access
for land mobiles (CALM) – Non-IP networking

35.240.80 Primjene IT-a u tehnici zaštite zdravlja

Međunarodna normizacija (ISO)

ISO 18308:2011
Health informatics – Requirements for an electronic
health record architecture

35.240.99 Primjene IT-a u drugim područjima

Međunarodna normizacija (ISO)

ISO 11783-5:2011
Tractors and machinery for agriculture and forestry
– Serial control and communications data network –
Part 5: Network management

ISO 11783-13:2011
Tractors and machinery for agriculture and forestry
– Serial control and communications data network –
Part 13: File server

ISO/IEC TR 24763:2011
Information technology – Learning, education
and training – Conceptual Reference Model for
Competency Information and Related Objects

Međunarodna normizacija (IEC)

IEC 62386-210:2011
Digital addressable lighting interface – Part 210:
Particular requirements for control gear – Sequencer
(device type 9)

Europska normizacija

EN 15943:2011
Curriculum Exchange Format (CEF) – Data model

37.020 Optička oprema

Međunarodna normizacija (ISO)

ISO 8038:2011
Microscopes – Screw threads for objectives and
related nosepieces

ISO 8255-1:2011
Microscopes – Cover glasses – Part 1: Dimensional
tolerances, thickness and optical properties

ISO 14997:2011
Optics and photonics – Test methods for surface
imperfections of optical elements

37.100.10 Oprema za umnožavanje

Međunarodna normizacija (ISO)

ISO/IEC 29103:2011
Information technology – Office equipment – Colour
photo test pages for measurement of ink cartridge
yield for colour photo printing

37.100.99 Druge norme koje se odnose na grafičku tehniku

Međunarodna normizacija (ISO)

ISO 12640-4:2011
Graphic technology – Prepress digital data exchange
– Part 4: Wide gamut display-referred standard colour
image data [Adobe RGB (1998)/SCID]

43.020 Cestovna vozila općenito

Međunarodna normizacija (ISO)

ISO 7401:2011
Road vehicles – Lateral transient response test
methods – Open-loop test methods

43.040.10 Električna i elektronička oprema

Međunarodna normizacija (ISO)

ISO 15031-5:2011

Road vehicles — Communication between vehicle and external equipment for emissions-related diagnostics — Part 5: Emissions-related diagnostic services

43.040.60 Oplate i sastavnice oplata

Međunarodna normizacija (ISO)

ISO 13043:2011

Road vehicles — Refrigerant systems used in mobile air conditioning systems (MAC) — Safety requirements

43.140 Motocikli i mopedi

Međunarodna normizacija (ISO)

ISO 11838:1997/Amd 1:2011

Motorcycle and motorcycle-rider kinematics — Vocabulary

ISO 14722:1998/Amd 1:2011

Moped and moped-rider kinematics — Vocabulary

45.060.10 Željeznička tračna vučna vozila

Međunarodna normizacija (IEC)

IEC 62520:2011

Railway applications — Electric traction — Short-primary type linear induction motors (LIM) fed by power converters

47.020.60 Električna oprema brodova i pomorskih konstrukcija

Međunarodna normizacija (IEC)

IEC 60092-509:2011

Electrical installations in ships — Part 509: Operation of electrical installations

47.020.70 Oprema za navigaciju i upravljanje

Europska normizacija

EN ISO 9875:2001/AC:2011

Ships and marine technology — Marine echo-sounding equipment (ISO 9875:2000/Cor 1:2006)

47.020.99 Druge norme koje se odnose na brodogradnju i pomorske konstrukcije

Međunarodna normizacija (ISO)

ISO 23269-3:2011

Ships and marine technology — Breathing apparatus for ships — Part 3: Self-contained breathing apparatus (safety equipment) required by the IMO IBC and IGC Codes

49.025.50 Ljepila

Europska normizacija

EN 2757:2011

Aerospace series — Structural adhesives system — Test method — Determination of the drying and ignition residues of primers

49.035 Sastavnice za zrakoplovne konstrukcije

Europska normizacija

EN 3280:2011

Aerospace series — Bearings, airframe rolling, rigid or self-aligning — Technical specification

49.060 Zrakoplovna električna oprema i sustavi

Međunarodna normizacija (IEC)

IEC/PAS 62686-1:2011

Process management for avionics — Aerospace qualified electronic components (AQEC) — Part 1: General requirements for high reliability integrated circuits and discrete semiconductors

Europska normizacija

EN 2997-001:2011

Aerospace series — Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures — 65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak — Part 001: Technical specification

EN 2997-015:2011

Aerospace series — Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures — 65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak — Part 015: Jam-nut mounted receptacle with integrated accessory — Product standard

EN 3475-603:2011

Aerospace series — Cables, electrical, aircraft use — Test methods — Part 603: Resistance to wet arc tracking

EN 4165-024:2011

Aerospace series — Connectors, electrical, rectangular, modular — Operating temperature 175 °C continuous — Part 024: Single module plug — Product standard

EN 4165-026:2011

Aerospace series — Connectors, electrical, rectangular, modular — Operating temperature 175 °C continuous — Part 026: Accessories for single modules — Product standard

EN 4604-009:2011

Aerospace series — Cable, electrical, for signal transmission — Part 009: Cable, coaxial, light weight, 50 ohms, 180 °C, type KW (light WN) — Product standard

EN 4604-010:2011

Aerospace series — Cable, electrical, for signal transmission — Part 010: Cable, coaxial, light weight, 50 Ohms, 200 °C, type KX (light WD) — Product standard

49.090 Oprema i instrumenti u zrakoplovu

Europska normizacija

EN 300 676-1 V1.5.2

Ground-based VHF hand-held, mobile and fixed radio transmitters, receivers and transceivers for the VHF aeronautical mobile service using amplitude modulation — Part 1: Technical characteristics and methods of measurement

EN 303 214 V1.1.1

Data Link Services (DLS) System – Community Specification for application under the Single European Sky Interoperability Regulation EC 552/2004 – Requirements for ground constituents and system testing

EN 4641-301:2011

Aerospace series – Cables, optical 125 µm diameter cladding – Part 301: Tight structure 50/125 µm GI fibre nominal 1,8 mm outside diameter – Product standard

EN 4660-005:2011

Aerospace series – Modular and Open Avionics Architectures – Part 005: Software

49.140 Svemirski sustavi i radnje

Međunarodna normizacija (ISO)

ISO 11893:2011

Space systems – Programme management – Project organization

ISO 24113:2011

Space systems – Space debris mitigation requirements

53.020.20 Dizalice

Europska normizacija

EN 13001-2:2011

Crane safety – General design – Part 2: Load actions

53.100 Strojevi za zemljane radove

Međunarodna normizacija (ISO)

ISO 4250-3:2011

Earth-mover tyres and rims – Part 3: Rims

55.180.20 Palete opće namjene

Međunarodna normizacija (ISO)

ISO 8611-1:2011

Pallets for materials handling – Flat pallets – Part 1: Test methods

ISO 8611-2:2011

Pallets for materials handling – Flat pallets – Part 2: Performance requirements and selection of tests

ISO 8611-3:2011

Pallets for materials handling – Flat pallets – Part 3: Maximum working loads

59.080.30 Tekstilni proizvodi

Međunarodna normizacija (ISO)

ISO 3759:2011

Textiles – Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change

Europska normizacija

EN ISO 3759:2011

Textiles – Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change (ISO 3759:2011)

59.080.70 Geotekstili

Međunarodna normizacija (ISO)

ISO 10769:2011

Clay geosynthetic barriers – Determination of water absorption of bentonite

ISO 10773:2011

Clay geosynthetic barriers – Determination of permeability to gases

Europska normizacija

EN ISO 10773:2011

Clay geosynthetic barriers – Determination of permeability to gases (ISO 10773:2011)

59.140.30 Koža i krzno

Međunarodna normizacija (ISO)

ISO 17226-3:2011

Leather – Chemical determination of formaldehyde content – Part 3: Determination of formaldehyde emissions from leather

Europska normizacija

EN ISO 17226-3:2011

Leather – Chemical determination of formaldehyde content – Part 3: Determination of formaldehyde emissions from leather (ISO 17226-3:2011)

59.140.40 Strojevi i oprema za proizvodnju kože i krzna

Europska normizacija

EN 972:1998+A1:2010/AC:2011

Tannery machines – Reciprocating roller machines – Safety requirements

59.140.99 Druge norme koje se odnose na tehnologiju kože

Europska normizacija

EN 15987:2011

Leather – Terminology – Key definitions for the leather trade

61.020 Odjeća

Međunarodna normizacija (ISO)

ISO 3759:2011

Textiles – Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change

Europska normizacija

EN ISO 3759:2011

Textiles – Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change (ISO 3759:2011)

65.020.30 Stočarstvo i uzgoj stoke

Međunarodna normizacija (ISO)

ISO 14223-1:2011

Radiofrequency identification of animals – Advanced transponders – Part 1: Air interface

65.060.01 Poljoprivredni strojevi i oprema općenito

Međunarodna normizacija (ISO)

ISO 11783-5:2011

Tractors and machinery for agriculture and forestry – Serial control and communications data network – Part 5: Network management

65.060.80 Oprema za šumarstvo

Međunarodna normizacija (IEC)

IEC 60745-2-13 ed2.1:2011

Hand-held motor-operated electric tools – Safety – Part 2-13: Particular requirements for chain saws

67.140.10 Čaj

Međunarodna normizacija (ISO)

ISO 3720:2011

Black tea – Definition and basic requirements

ISO 11287:2011

Green tea – Definition and basic requirements

67.200.10 Životinjske i biljne masti i ulja

Europska normizacija

EN 14103:2011

Fat and oil derivatives – Fatty Acid Methyl Esters (FAME) – Determination of ester and linolenic acid methyl ester contents

71.040.40 Kemijska analiza

Međunarodna normizacija (ISO)

ISO 13084:2011

Surface chemical analysis – Secondary-ion mass spectrometry – Calibration of the mass scale for a time-of-flight secondary-ion mass spectrometer

71.040.50 Fizikalnokemijske metode analize

Međunarodna normizacija (IEC)

IEC 62495:2011

Nuclear instrumentation – Portable X-ray fluorescence analysis equipment utilizing a miniature X-ray tube

71.100.40 Površinski aktivne tvari

Europska normizacija

EN 12829:2011

Surface active agents – Preparation of water with known calcium and magnesium hardness

71.100.60 Eterična ulja

Međunarodna normizacija (ISO)

ISO 3140:2011

Oil of sweet orange [*Citrus sinensis* (L.) Osbeck], obtained by physical extraction of the peel

73.100.20 Oprema za prozračivanje, klimatizaciju i osvjetljavanje

Međunarodna normizacija (IEC)

IEC 60079-35-1:2011

Explosive atmospheres – Part 35-1: Caplights for use in mines susceptible to firedamp – General requirements – Construction and testing in relation to the risk of explosion

75.100 Maziva, industrijska ulja i srodni proizvodi

Međunarodna normizacija (ISO)

ISO 15380:2011

Lubricants, industrial oils and related products (class L) – Family H (Hydraulic systems) – Specifications for categories HETG, HEPG, HEES and HEPR

75.160.20 Ukapljena goriva

Međunarodna normizacija (ISO)

ISO 20884:2011

Petroleum products – Determination of sulfur content of automotive fuels – Wavelength-dispersive X-ray fluorescence spectrometry

Europska normizacija

EN ISO 20884:2011

Petroleum products – Determination of sulfur content of automotive fuels – Wavelength-dispersive X-ray fluorescence spectrometry (ISO 20884:2011)

75.160.30 Plinovita goriva

Europska normizacija

EN 15984:2011

Petroleum industry and products – Determination of composition of refinery heating gas and calculation of carbon content and calorific value – Gas chromatography method

77.040.10 Mehaničko ispitivanje kovina

Međunarodna normizacija (ISO)

ISO 1352:2011

Metallic materials – Torque-controlled fatigue testing

77.040.20 Nerazorno ispitivanje kovina

Međunarodna normizacija (ISO)

ISO 10893-1:2011

Non-destructive testing of steel tubes – Part 1: Automated electromagnetic testing of seamless and welded (except submerged arc-welded) steel tubes for the verification of hydraulic leaktightness

ISO 10893-2:2011

Non-destructive testing of steel tubes – Part 2: Automated eddy current testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of imperfections

ISO 10893-3:2011

Non-destructive testing of steel tubes – Part 3: Automated full peripheral flux leakage testing of seamless and welded (except submerged arc-welded) ferromagnetic steel tubes for the detection of longitudinal and/or transverse imperfections

- ISO 10893-4:2011
Non-destructive testing of steel tubes – Part 4: Liquid penetrant inspection of seamless and welded steel tubes for the detection of surface imperfections
- ISO 10893-5:2011
Non-destructive testing of steel tubes – Part 5: Magnetic particle inspection of seamless and welded ferromagnetic steel tubes for the detection of surface imperfections
- ISO 10893-6:2011
Non-destructive testing of steel tubes – Part 6: Radiographic testing of the weld seam of welded steel tubes for the detection of imperfections
- ISO 10893-7:2011
Non-destructive testing of steel tubes – Part 7: Digital radiographic testing of the weld seam of welded steel tubes for the detection of imperfections
- ISO 10893-8:2011
Non-destructive testing of steel tubes – Part 8: Automated ultrasonic testing of seamless and welded steel tubes for the detection of laminar imperfections
- ISO 10893-9:2011
Non-destructive testing of steel tubes – Part 9: Automated ultrasonic testing for the detection of laminar imperfections in strip/plate used for the manufacture of welded steel tubes
- ISO 10893-10:2011
Non-destructive testing of steel tubes – Part 10: Automated full peripheral ultrasonic testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of longitudinal and/or transverse imperfections
- ISO 10893-11:2011
Non-destructive testing of steel tubes – Part 11: Automated ultrasonic testing of the weld seam of welded steel tubes for the detection of longitudinal and/or transverse imperfections
- ISO 10893-12:2011
Non-destructive testing of steel tubes – Part 12: Automated full peripheral ultrasonic thickness testing of seamless and welded (except submerged arc-welded) steel tubes

Europska normizacija

- EN ISO 10893-1:2011
Non-destructive testing of steel tubes – Part 1: Automated electromagnetic testing of seamless and welded (except submerged arc-welded) steel tubes for the verification of hydraulic leaktightness (ISO 10893-1:2011)
- EN ISO 10893-2:2011
Non-destructive testing of steel tubes – Part 2: Automated eddy current testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of imperfections (ISO 10893-2:2011)
- EN ISO 10893-3:2011
Non-destructive testing of steel tubes – Part 3: Automated full peripheral flux leakage testing of seamless and welded (except submerged arc-welded) ferromagnetic steel tubes for the detection of longitudinal and/or transverse imperfections (ISO 10893-3:2011)
- EN ISO 10893-4:2011
Non-destructive testing of steel tubes – Part 4: Liquid penetrant inspection of seamless and welded steel tubes for the detection of surface imperfections (ISO 10893-4:2011)
- EN ISO 10893-5:2011
Non-destructive testing of steel tubes – Part 5: Magnetic particle inspection of seamless and welded ferromagnetic steel tubes for the detection of surface imperfections (ISO 10893-5:2011)

- EN ISO 10893-6:2011
Non-destructive testing of steel tubes – Part 6: Radiographic testing of the weld seam of welded steel tubes for the detection of imperfections (ISO 10893-6:2011)
- EN ISO 10893-7:2011
Non-destructive testing of steel tubes – Part 7: Digital radiographic testing of the weld seam of welded steel tubes for the detection of imperfections (ISO 10893-7:2011)
- EN ISO 10893-8:2011
Non-destructive testing of steel tubes – Part 8: Automated ultrasonic testing of seamless and welded steel tubes for the detection of laminar imperfections (ISO 10893-8:2011)
- EN ISO 10893-9:2011
Non-destructive testing of steel tubes – Part 9: Automated ultrasonic testing for the detection of laminar imperfections in strip/plate used for the manufacture of welded steel tubes (ISO 10893-9:2011)
- EN ISO 10893-10:2011
Non-destructive testing of steel tubes – Part 10: Automated full peripheral ultrasonic testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of longitudinal and/or transverse imperfections (ISO 10893-10:2011)
- EN ISO 10893-11:2011
Non-destructive testing of steel tubes – Part 11: Automated ultrasonic testing of the weld seam of welded steel tubes for the detection of longitudinal and/or transverse imperfections (ISO 10893-11:2011)
- EN ISO 10893-12:2011
Non-destructive testing of steel tubes – Part 12: Automated full peripheral ultrasonic thickness testing of seamless and welded (except submerged arc-welded) steel tubes (ISO 10893-12:2011)

77.080.10 Željeza

Međunarodna normizacija (ISO)

- ISO/TR 10809-2:2011
Cast irons – Part 2: Welding

77.140.30 Čelici za tlačne svrhe

Međunarodna normizacija (ISO)

- ISO 9328-1:2011
Steel flat products for pressure purposes – Technical delivery conditions – Part 1: General requirements
- ISO 9328-2:2011
Steel flat products for pressure purposes – Technical delivery conditions – Part 2: Non-alloy and alloy steels with specified elevated temperature properties
- ISO 9328-3:2011
Steel flat products for pressure purposes – Technical delivery conditions – Part 3: Weldable fine grain steels, normalized
- ISO 9328-4:2011
Steel flat products for pressure purposes – Technical delivery conditions – Part 4: Nickel-alloy steels with specified low temperature properties
- ISO 9328-5:2011
Steel flat products for pressure purposes – Technical delivery conditions – Part 5: Weldable fine grain steels, thermomechanically rolled
- ISO 9328-6:2011
Steel flat products for pressure purposes – Technical delivery conditions – Part 6: Weldable fine grain steels, quenched and tempered

ISO 9328-7:2011
Steel flat products for pressure purposes — Technical delivery conditions — Part 7: Stainless steels

77.140.50 Proizvodi i poluproizvodi od ravnog čelika

Međunarodna normizacija (ISO)

- ISO 9328-1:2011
Steel flat products for pressure purposes — Technical delivery conditions — Part 1: General requirements
- ISO 9328-2:2011
Steel flat products for pressure purposes — Technical delivery conditions — Part 2: Non-alloy and alloy steels with specified elevated temperature properties
- ISO 9328-3:2011
Steel flat products for pressure purposes — Technical delivery conditions — Part 3: Weldable fine grain steels, normalized
- ISO 9328-4:2011
Steel flat products for pressure purposes — Technical delivery conditions — Part 4: Nickel-alloy steels with specified low temperature properties
- ISO 9328-5:2011
Steel flat products for pressure purposes — Technical delivery conditions — Part 5: Weldable fine grain steels, thermomechanically rolled
- ISO 9328-6:2011
Steel flat products for pressure purposes — Technical delivery conditions — Part 6: Weldable fine grain steels, quenched and tempered
- ISO 9328-7:2011
Steel flat products for pressure purposes — Technical delivery conditions — Part 7: Stainless steels
- ISO 20805:2011
Hot-rolled steel sheet in coils of higher yield strength with improved formability and heavy thickness for cold forming

79.060.01 Ploče s drvenom osnovom općenito

Međunarodna normizacija (ISO)

- ISO 12460-4:2008/Amd 1:2011
Wood-based panels — Determination of formaldehyde release — Part 4: Desiccator method

79.060.99 Druge ploče s drvenom osnovom

Međunarodna normizacija (ISO)

- ISO 10033-1:2011
Laminated Veneer Lumber (LVL) — Bonding quality — Part 1: Test methods
- ISO 10033-2:2011
Laminated Veneer Lumber (LVL) — Bonding quality — Part 2: Requirements

79.080 Drveni poluproizvodi

Europska normizacija

- EN 13228:2011
Wood flooring — Solid wood overlay flooring elements including blocks with an interlocking system
- EN 13647:2011
Wood flooring and wood panelling and cladding — Determination of geometrical characteristics

81.060.30 Keramika

Međunarodna normizacija (ISO)

- ISO 22197-2:2011
Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for air-purification performance of semiconducting photocatalytic materials — Part 2: Removal of acetaldehyde
- ISO 22197-3:2011
Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for air-purification performance of semiconducting photocatalytic materials — Part 3: Removal of toluene
- ISO 13124:2011
Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for interfacial bond strength of ceramic materials

83.040.20 Sastojci gume

Međunarodna normizacija (ISO)

- ISO 1125:1999/Amd 1:2011
Rubber compounding ingredients — Carbon black — Determination of ash; Amendment 1 — Insertion of additional item in test report

83.080.01 Plastika općenito

Međunarodna normizacija (ISO)

- ISO 10927:2011
Plastics — Determination of the molecular mass and molecular mass distribution of polymer species by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry (MALDI-TOF-MS)
- ISO 6721-1:2011
Plastics — Determination of dynamic mechanical properties — Part 1: General principles
- ISO 11357-3:2011
Plastics — Differential scanning calorimetry (DSC) — Part 3: Determination of temperature and enthalpy of melting and crystallization

Europska normizacija

- EN ISO 10927:2011
Plastics — Determination of the molecular mass and molecular mass distribution of polymer species by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry (MALDI-TOF-MS) (ISO 10927:2011)
- EN ISO 6721-1:2011
Plastics — Determination of dynamic mechanical properties — Part 1: General principles (ISO 6721-1:2011)

83.080.20 Termoplastična gradiva

Međunarodna normizacija (ISO)

- ISO 294-5:2011
Plastics — Injection moulding of test specimens of thermoplastic materials — Part 5: Preparation of standard specimens for investigating anisotropy

83.140.10 Filmovi i ploče

Međunarodna normizacija (ISO)

- ISO 15015:2011
Plastics — Extruded sheets of impact-modified acrylonitrile-styrene copolymers (ABS, AEPDS and ASA) — Requirements and test methods

Evropska normizacija

EN ISO 15015:2011

Plastics — Extruded sheets of impact-modified acrylonitrile-styrene copolymers (ABS, AEPDS and ASA) — Requirements and test methods (ISO 15015:2011)

83.140.50 Brtve

Međunarodna normizacija (ISO)

ISO 16589-1:2011

Rotary shaft lip-type seals incorporating thermoplastic sealing elements — Part 1: Nominal dimensions and tolerances

ISO 16589-3:2011

Rotary shaft lip-type seals incorporating thermoplastic sealing elements — Part 3: Storage, handling and installation

ISO 16589-4:2011

Rotary shaft lip-type seals incorporating thermoplastic sealing elements — Part 4: Performance test procedures

ISO 16589-5:2011

Rotary shaft lip-type seals incorporating thermoplastic sealing elements — Part 5: Identification of visual imperfections

83.180 Adhezivi

Evropska normizacija

EN 1238:2011

Adhesives — Determination of the softening point of thermoplastic adhesives (ring and ball)

EN 1239:2011

Adhesives — Freeze-thaw stability

EN 1240:2011

Adhesives — Determination of hydroxyl value and/or hydroxyl content

EN 1243:2011

Adhesives — Determination of free formaldehyde in amino and amidoformaldehyde condensates

EN 1245:2011

Adhesives — Determination of pH

EN 12808-4:2009/AC:2011

Grouts for tiles — Part 4: Determination of shrinkage

EN 12962:2011

Adhesives — Determination of elastic behaviour of liquid adhesives (elasticity index)

EN 12705:2011

Adhesives for leather and footwear materials — Determination of colour change of white or bright coloured leather surfaces by migration

85.040 Celuloza

Međunarodna normizacija (ISO)

ISO 10376:2011

Pulps — Determination of mass fraction of fines

87.040 Boje i lakovi

Međunarodna normizacija (ISO)

ISO 29601:2011

Paints and varnishes — Corrosion protection by protective paint systems — Assessment of porosity in a dry film

ISO 1518-1:2011

Paints and varnishes — Determination of scratch resistance — Part 1: Constant-loading method

Evropska normizacija

EN ISO 29601:2011

Paints and varnishes — Corrosion protection by protective paint systems — Assessment of porosity in a dry film (ISO 29601:2011)

87.060.20 Veziva

Evropska normizacija

EN ISO 19334:2011

Binders for paints and varnishes — Gum rosin — Gas-chromatographic analysis (ISO 19334:2010)

91.040.01 Zgrade općenito

Međunarodna normizacija (ISO)

ISO 15686-1:2011

Buildings and constructed assets — Service life planning — Part 1: General principles and framework

91.060.50 Vrata i prozori

Evropska normizacija

EN 15269-10:2011

Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies including their elements of building hardware — Part 10: Fire resistance of steel rolling shutter assemblies

EN 1627:2011

Pedestrian doorsets, windows, curtain walling, grilles and shutters — Burglar resistance — Requirements and classification

EN 1628:2011

Pedestrian doorsets, windows, curtain walling, grilles and shutters — Burglar resistance — Test method for the determination of resistance under static loading

EN 1629:2011

Pedestrian doorsets, windows, curtain walling, grilles and shutters — Burglar resistance — Test method for the determination of resistance under dynamic loading

EN 1630:2011

Pedestrian doorsets, windows, curtain walling, grilles and shutters — Burglar resistance — Test method for the determination of resistance to manual burglary attempts

91.100.10 Cement. Gips. Vapno. Žbuka

Evropska normizacija

EN 413-1:2011

Masonry cement — Part 1: Composition, specifications and conformity criteria

EN 12808-4:2009/AC:2011

Grouts for tiles — Part 4: Determination of shrinkage

91.100.50 Veziva. Brtvena gradiva

Evropska normizacija

EN ISO 8394-2:2010/AC:2011

Building construction — Jointing products — Part 2: Determination of extrudability of sealants using standardized apparatus (ISO 8394-2:2010)

91.120.40 Zaštita od groma

Europska normizacija

EN 50536:2011
Protection against lightning – Thunderstorm warning systems

91.140.60 Sustavi opskrbe vodom

Međunarodna normizacija (ISO)

ISO 21003-2:2008/Amd 1:2011
Multilayer piping systems for hot and cold water installations inside buildings – Part 2: Pipes; Amendment 1
ISO 22158:2011
Input/output protocols and electronic interfaces for water meters – Requirements

Europska normizacija

EN ISO 21003-2:2008/A1:2011
Multilayer piping systems for hot and cold water installations inside buildings – Part 2: Pipes – Amendment 1 (ISO 21003-2:2008/Amd 1:2011)

93.030 Vanjska kanalizacija

Međunarodna normizacija (ISO)

ISO 11296-3:2009/Cor 1:2011
Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks – Part 3: Lining with close-fit pipes

Europska normizacija

EN 13508-2:2003+A1:2011
Investigation and assessment of drain and sewer systems outside buildings – Part 2: Visual inspection coding system

93.080.40 Rasvjeta ulica i srodna oprema

Međunarodna normizacija (IEC)

IEC 60598-2-3:2002/am1:2011
Luminaires – Part 2-3: Particular requirements – Luminaires for road and street lighting

Europska normizacija

EN 60598-2-3:2002/A1:2011
Luminaires – Part 2-3: Particular requirements – Luminaires for road and street lighting (IEC 60598-2-3:2002/am1:2011)

97.030 Kućanska električna oprema općenito

Međunarodna normizacija (IEC)

IEC 60335-1:2010/Corr.1:2011
Household and similar electrical appliances – Safety – Part 1: General requirements

Europska normizacija

EN 50564:2011
Electrical and electronic household and office equipment – Measurement of low power consumption (IEC 62301:2011, modified)

97.040.20 Štednjaci, radni stolovi, pećnice i slični uređaji

Međunarodna normizacija (IEC)

IEC 60335-2-37:2005/am2:2011
Household and similar electrical appliances – Safety – Part 2-37: Particular requirements for commercial electric deep fat fryers

Europska normizacija

EN 60704-2-13:2011
Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-13: Particular requirements for range hoods (IEC 60704-2-13:2011)

97.060 Praonički uređaji

Europska normizacija

EN 60456:2005/A12:2011
Clothes washing machines for household use – Methods for measuring the performance

97.100.10 Električni grijači

Međunarodna normizacija (IEC)

IEC 60335-2-53:2011
Household and similar electrical appliances – Safety – Part 2-53: Particular requirements for sauna heating appliances and infrared cabins

97.140 Namještaj

Europska normizacija

EN 527-1:2011
Office furniture – Work tables and desks – Part 1: Dimensions

97.150 Netekstilni podni prekrivači

Europska normizacija

EN 653:2011
Resilient floor coverings – Expanded (cushioned) polyvinyl chloride floor coverings – Specification
EN 654:2011
Resilient floor coverings – Semi-flexible polyvinyl chloride tiles – Specification
EN 655:2011
Resilient floor coverings – Tiles of agglomerated composition cork with polyvinyl chloride wear layer – Specification
EN 686:2011
Resilient floor coverings – Specification for plain and decorative linoleum on a foam backing
EN 687:2011
Resilient floor coverings – Specification for plain and decorative linoleum on a corkment backing
EN 688:2011
Resilient floor coverings – Specification for corklinoleum

97.220.20 Oprema za zimske športove

Međunarodna normizacija (ISO)

ISO 7794:2011
Cross-country skis – Ski-binding screws – Requirements
ISO 10228:2011
Cross-country skis – Binding mounting area – Requirements for test screws