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MEDDELELSER FRA NORSK ELEKTROTEKNISK KOMITE

IEC-normer og tekniske rapporter  
CENELEC Europeanormer (EN)  
CENELEC Harmoniseringsdokumenter (HD)  
Prosjekter under behandling i CENELEC

Sortert etter ICS-koder

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**Forslag til normer på høring - europeiske (CLC)**

**FprEN IEC 61970-600-1:2021**

*Energy management system application program interface (EMS-API) - Part 600-1: Common Grid Model Exchange Specification (CGMES) - Structure and rules*

Språk: en Utarbeidet av: CLC/TC/57

Voteringsfrist: 16.04.2021

**FprEN IEC 61970-600-2:2021**

*Energy management system application program interface (EMS-API) - Part 600-2: Common Grid Model Exchange Specification (CGMES) - Exchange profiles specification*

Språk: en Utarbeidet av: CLC/TC/57

Voteringsfrist: 02.04.2021

**FprEN IEC 62053-41:2021**

*Electricity metering equipment - Particular requirements - Part 41: Static meters for DC energy (classes 0,5 and 1)*

Språk: en Utarbeidet av: CLC/TC13

Voteringsfrist: 16.04.2021

**FprEN IEC 62271-105:2021**

*High-voltage switchgear and controlgear - Part 105: Alternating current switch-fuse combinations for rated voltages above 1 kV up to and including 52 kV*

Språk: en Utarbeidet av: CLC/TC17AC

Voteringsfrist: 23.04.2021

**FprEN IEC 62271-213:2021**

*High-voltage switchgear and controlgear - Part 213: Voltage detecting and indicating system*

Språk: en Utarbeidet av: CLC/TC17AC

Voteringsfrist: 23.04.2021

**FprEN IEC 62271-215:2021**

*High-voltage switchgear and controlgear - Part 215: Phase comparator used with VDIS*

Språk: en Utarbeidet av: CLC/TC17AC

Voteringsfrist: 23.04.2021

**FprEN IEC 62841-4-5:2021**

*Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-5: Particular requirements for grass shears*

Språk: en Utarbeidet av: CLC/TC116

Voteringsfrist: 09.04.2021

**FprEN IEC 63112:2021**

*Photovoltaic (PV) arrays - Earth fault protection equipment - Safety and safety-related functionality*

Språk: en Utarbeidet av: CLC/TC82

Voteringsfrist: 23.04.2021

**FprEN IEC 63203-204-1:2021**

*Wearable electronic devices and technologies - Part 204-1: Electronic textile - Test method for assessing washing durability of leisurewear and sportswear e-textile systems*

Språk: en Utarbeidet av: CLC/SR124

Voteringsfrist: 02.04.2021

**FprEN ISO 15223-1:2021**

*Medical devices - Symbols to be used with information to be supplied by the manufacturer - Part 1: General requirements (ISO/FDIS 15223-1:2021)*

Språk: en Utarbeidet av: CEN/CLC/JTC 3

Voteringsfrist: 26.04.2021

**Forslag til normer på høring - europeiske (CLC)**

**prEN 50176:2021**

*Automatic electrostatic application systems for ignitable coating materials - Safety requirements*

Språk: en Utarbeidet av: CLC/TC31

Voteringsfrist: 28.05.2021

**prEN 50708-3-4:2021**

*Power transformers - Additional European requirements - Part 3-4: Large power transformer - Special tests for corrugated tank and radiators*

Språk: en Utarbeidet av: CLC/TC14

Voteringsfrist: 28.05.2021

**prEN IEC 60034-33:2021**

*Rotating electrical machines - Part 33: Specific technical requirements for synchronous hydrogenerators including motor-generators*

Språk: en Utarbeidet av: CLC/TC2

Voteringsfrist: 21.05.2021

**prEN IEC 60335-2-7:2020/prAA:2021**

*Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machine*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 28.05.2021

**prEN IEC 60335-2-11:2020/prAA:2021**

*Household and similar electrical appliances - Safety - Part 2-11: Particular requirements for tumble dryers*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 28.05.2021

**prEN IEC 60598-2-20:2021/prAA:2021**

*Luminaires - Part 2-20: Particular requirements - Lighting chains*

Språk: en Utarbeidet av: CLC/TC34

Voteringsfrist: 21.05.2021

**prEN IEC 60704-2-18:2021**

*Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-18: Particular requirements for electric water heaters*

Språk: en Utarbeidet av: CLC/TC59X

Voteringsfrist: 28.05.2021

**prEN IEC 62788-7-3:2021**

*Measurement procedures for materials used in photovoltaic modules - Part 7-3: Environmental exposures - Accelerated abrasion tests of PV module external surfaces*

Språk: en Utarbeidet av: CLC/TC82

Voteringsfrist: 14.05.2021

**prEN IEC 62819:2021**

*Semiconductor devices - Reliability test method for silicon carbide discrete metal-oxide semiconductor field effect transistors - Part 1: Test method for bias temperature instability*

Språk: en Utarbeidet av: CLC/TC78

Voteringsfrist: 14.05.2021

**prEN IEC 62841-4-5:2021/FprAA:2021**

*Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-5: Particular requirements for grass shears*

Språk: en Utarbeidet av: CLC/TC116

Voteringsfrist: 23.04.2021

**Forslag til normer på høring - europeiske (CLC)**

**prEN IEC 63275-1:2021**

*Semiconductor devices - Reliability test method for silicon carbide discrete metal-oxide semiconductor field effect transistors - Part 1: Test method for bias temperature instability*

Språk: en Utarbeidet av: CLC/SR47

Voteringsfrist: 14.05.2021

**prEN IEC 63275-2:2021**

*Semiconductor devices - Reliability test method for silicon carbide discrete metal-oxide semiconductor field effect transistors - Part 2: Test method for bipolar degradation due to body diode operation*

Språk: en Utarbeidet av: CLC/SR47

Voteringsfrist: 14.05.2021

**prEN IEC 63284:2021**

*Semiconductor devices - Reliability test method by inductive load switching for gallium nitride transistors*

Språk: en Utarbeidet av: CLC/SR47

Voteringsfrist: 14.05.2021

**prEN IEC 63370:2021**

*Lithium-Ion Batteries and Charging Systems - Safety*

Språk: en Utarbeidet av: CLC/TC116

Voteringsfrist: 04.06.2021

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon**

**NEK IEC 60050-801-am3 Utgave: 2.0 År: 2021**

*Amendment 3 - International Electrotechnical Vocabulary (IEV) - Part 801: Acoustics and electroacoustics*

Språk: en/fr Utarbeidet av: IEC/TC1

**Fastsatte norske europasnormer**

**NEK EN 16603-60-20:2020**

*Space engineering - Star sensor terminology and performance specification*

Språk: en Utarbeidet av: CEN/CLC/JTC 5

**NEK EN IEC 60794-3-12:2021**

*Fiberoptiske kabler - Del 3-12: Utvendige kabler - Detaljert spesifikasjon over rørledninger og direkte nedgravde optiske telekommunikasjonskabler for bruk ved lokal kabling*

*Optical fibre cables - Part 3-12: Outdoor cables - Detailed specification for duct and directly buried optical telecommunication cables for use in premises cabling*

Språk: en Utarbeidet av: CLC/TC86A

**NEK EN IEC 61169-15:2021**

*Radio-frequency connectors - Part 15: Sectional specification - RF coaxial connectors with inner diameter of outer conductor 4,13 mm (0,163 in) with threaded coupling - Characteristic impedance 50  $\Omega$  (type SMA)*

Språk: en Utarbeidet av: CLC/SR46F

**NEK EN IEC 61169-65:2021**

*Radio-frequency connectors - Part 65: Sectional specification for RF coaxial connectors, 1,35 mm inner diameter of outer conductor, with screw-coupling, characteristic impedance 50  $\Omega$*

Språk: en Utarbeidet av: CLC/SR46F

**NEK EN IEC 61189-5-501:2021**

*Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 5-501: General test methods for materials and assemblies - Surface insulation resistance (SIR) testing of solder fluxes*

Språk: en Utarbeidet av: CLC/SR91

**Forslag til normer på høring - europeiske (CLC)**

**FprEN ISO 15223-1:2021**

*Medical devices - Symbols to be used with information to be supplied by the manufacturer - Part 1: General requirements (ISO/FDIS 15223-1:2021)*

Språk: en Utarbeidet av: CEN/CLC/JTC 3

Voteringsfrist: 26.04.2021

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon**

**NEK IEC 60601-1-am1/ISH1 Utgave: 3.0 År: 2021**

*Interpretation Sheet 1 - Amendment 1 - Medical electrical equipment - Part 1: General requirements for basic safety and essential performance*

Språk: en Utarbeidet av: IEC/SC62A

**Fastsatte norske europasnormer**

**NEK EN 60601-1-2:2015/A1:2021**

*Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests*

Språk: en Utarbeidet av: CLC/TC62

**NEK EN 60601-1-3:2008/A2:2021**

*Medical electrical equipment - Part 1-3: General requirements for basic safety and essential performance - Collateral Standard: Radiation protection in diagnostic X-ray equipment*

Språk: en Utarbeidet av: CLC/TC62

**Forslag til normer på høring - europeiske (CLC)****CLC/FprTR 50713:2021***Reasonably Foreseeable Use Conditions when referring to EMF Exposure Assessment*

Språk: en Utarbeidet av: CLC/TC106X

Voteringsfrist: 28.05.2021

**FprEN 50134-5:2021***Alarm systems - Social alarm systems - Part 5: Interconnections and communications*

Språk: en Utarbeidet av: CLC/TC79

Voteringsfrist: 23.04.2021

**prEN IEC 60335-2-95:2021***Household and similar electrical appliances - Safety - Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 07.05.2021

**prEN IEC 60335-2-95:2021/prAA:2021***Household and similar electrical appliances - Safety - Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 07.05.2021

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon****NEK IEC 60335-2-4 Utgave: 7.0 År: 2021***Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors*

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-30-am2 Utgave: 5.0 År: 2021***Amendment 2 - Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters*

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-115 Utgave: 1.0 År: 2021***Household and similar electrical appliances - Safety - Part 2-115: Particular requirements for skin beauty care appliances*

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-4 RLV Utgave: 7.0 År: 2021***Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors*

Språk: en Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-30 CSV Utgave: 5.2 År: 2021***Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters*

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60704-1 Utgave: 4.0 År: 2021***Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 1: General requirements*

Språk: en/fr Utarbeidet av: IEC/TC59

**NEK IEC 60704-1 RLV Utgave: 4.0 År: 2021***Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 1: General requirements*

Språk: en Utarbeidet av: IEC/TC59

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon**

**NEK IEC 61472-2 Utgave: 1.0 År: 2021**

*Live working - Minimum approach distances - Part 2: Method of determination of the electrical component distance for AC systems from 1,0 kV to 72,5 kV*

Språk: en/fr Utarbeidet av: IEC/TC78

**NEK IEC 61800-5-3 Utgave: 1.0 År: 2021**

*Adjustable speed electrical power drive systems - Part 5-3: Safety requirements - Functional, electrical and environmental requirements for encoders*

Språk: en/fr Utarbeidet av: IEC/SC22G

**Fastsatte norske europasnormer**

**NEK EN 60601-1-3:2008/A2:2021**

*Medical electrical equipment - Part 1-3: General requirements for basic safety and essential performance - Collateral Standard: Radiation protection in diagnostic X-ray equipment*

Språk: en Utarbeidet av: CLC/TC62

**Forslag til normer på høring - europeiske (CLC)**

**prEN IEC 60216-6:2021**

*Electrical insulating materials - Thermal endurance properties - Part 6: Determination of thermal endurance indices (TI and RTI) of an insulating material using the fixed time frame method*

Språk: en Utarbeidet av: CLC/SR112

Voteringsfrist: 21.05.2021

**prEN IEC 61340-5-3:2021**

*Electrostatics - Part 5-3: Protection of electronic devices from electrostatic phenomena - Properties and requirements classification for packaging intended for electrostatic discharge sensitive devices*

Språk: en Utarbeidet av: CLC/SR101

Voteringsfrist: 07.05.2021

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon**

**NEK IEC 60050-801-am3 Utgave: 2.0 År: 2021**

*Amendment 3 - International Electrotechnical Vocabulary (IEV) - Part 801: Acoustics and electroacoustics*

Språk: en/fr Utarbeidet av: IEC/TC1

**NEK IEC 60584-3 Utgave: 3.0 År: 2021**

*Thermocouples - Part 3: Extension and compensating cables - Tolerances and identification system*

Språk: en/fr Utarbeidet av: IEC/SC65B

**NEK IEC GUIDE 115 Utgave: 2.0 År: 2021**

*Application of uncertainty of measurement to conformity assessment activities in the electrotechnical sector*

Språk: en/fr Utarbeidet av: SMB

**NEK IEC GUIDE 115 RLV Utgave: 2.0 År: 2021**

*Application of uncertainty of measurement to conformity assessment activities in the electrotechnical sector*

Språk: en Utarbeidet av: SMB

**Rapporter fra IEC (IEC/TS og CISPR/TS)**

**NEK IEC/TS 63297 Utgave: 1.0 År: 2021**

*Sensing devices for non-intrusive load monitoring (NILM) systems*

Språk: en Utarbeidet av: IEC/TC85



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**Forslag til normer på høring - europeiske (CLC)****prEN IEC 60216-5:2021**

*Electrical insulating materials - Thermal endurance properties - Part 5: Determination of relative temperature index (RTI) of an insulating material*

Språk: en Utarbeidet av: CLC/SR112

Voteringsfrist: 21.05.2021

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon****NEK IEC 60068-2-11 Utgave: 4.0 År: 2021**

*Environmental testing - Part 2-11: Tests - Test Ka: Salt mist*

Språk: en/fr Utarbeidet av: IEC/TC104

**NEK IEC 60068-2-13 Utgave: 5.0 År: 2021**

*Environmental testing - Part 2-13: Tests - Test M: Low air pressure*

Språk: en/fr Utarbeidet av: IEC/TC104

**NEK IEC GUIDE 115 Utgave: 2.0 År: 2021**

*Application of uncertainty of measurement to conformity assessment activities in the electrotechnical sector*

Språk: en/fr Utarbeidet av: SMB

**NEK IEC GUIDE 115 RLV Utgave: 2.0 År: 2021**

*Application of uncertainty of measurement to conformity assessment activities in the electrotechnical sector*

Språk: en Utarbeidet av: SMB

**Forslag til normer på høring - europeiske (CLC)****CLC IEC/FprTR 62541-1:2021***OPC unified architecture - Part 1: Overview and concepts*

Språk: en Utarbeidet av: CLC/TC65X/WG01

Voteringsfrist: 21.05.2021

**CLC IEC/FprTR 62541-2:2021***OPC unified architecture - Part 2: Security Model*

Språk: en Utarbeidet av: CLC/TC65X/WG01

Voteringsfrist: 21.05.2021

**FprEN IEC 62841-4-4:2020/FprAA:2021***Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-4: Particular requirements for lawn trimmers, lawn edge trimmers, grass trimmers, brush cutters and brush saws*

Språk: en Utarbeidet av: CLC/TC116

Voteringsfrist: 16.04.2021

**prEN IEC 62453-2:2021***Field device tool (FDT) interface specification - Part 2: Concepts and detailed description*

Språk: en Utarbeidet av: CLC/TC65X/WG01

Voteringsfrist: 21.05.2021

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon****NEK IEC 61784-3 Utgave: 4.0 År: 2021***Industrial communication networks - Profiles - Part 3: Functional safety fieldbuses - General rules and profile definitions*

Språk: en/fr Utarbeidet av: IEC/SC65C

**NEK IEC 62591/Cor1 Utgave: 2.0 År: 2021***Corrigendum 1 - Industrial networks - Wireless communication network and communication profiles - WirelessHART<sup>TM</sup>*

Språk: en/fr Utarbeidet av: IEC/SC65C

**NEK IEC 62601/Cor1 Utgave: 2.0 År: 2021***Corrigenda 1 - Industrial networks - Wireless communication network and communication profiles - WIA-PA*

Språk: en/fr Utarbeidet av: IEC/SC65C

**NEK IEC 62841-3-1-am1 Utgave: 1.0 År: 2021***Amendment 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-1: Particular requirements for transportable table saws*

Språk: en/fr Utarbeidet av: IEC/TC116\_2

**NEK IEC 62841-3-1 CSV Utgave: 1.1 År: 2021***Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-1: Particular requirements for transportable table saws*

Språk: en/fr Utarbeidet av: IEC/TC116\_2

**NEK IEC 62948/Cor1 Utgave: 1.0 År: 2021***Corrigendum 1 - Industrial networks - Wireless communication network and communication profiles - WIA-FA*

Språk: en Utarbeidet av: IEC/SC65C

**Fastsatte norske europasnormer****NEK EN IEC 62769-1:2021***Field Device Integration (FDI) - Part 1: Overview*

Språk: en Utarbeidet av: CLC/TC65X/WG01

**Fastsatte norske europanormer**

**NEK EN IEC 62769-5:2021**

*Field Device Integration (FDI) - Part 5: Information Model*

Språk: en Utarbeidet av: CLC/TC65X/WG01

**NEK EN IEC 62769-6:2021**

*Field Device Integration (FDI) - Part 6: Technology Mapping*

Språk: en Utarbeidet av: CLC/TC65X/WG01

**NEK EN IEC 62769-7:2021**

*Field Device Integration (FDI) - Part 7: Communication devices*

Språk: en Utarbeidet av: CLC/TC65X/WG01

**NEK EN IEC 62769-150-1:2021**

*Field device integration (FDI) - Part 150-1: Profiles - ISA100 WIRELESS*

Språk: en Utarbeidet av: CLC/TC65X/WG01

**Forslag til normer på høring - europeiske (CLC)****EN 62282-3-201:2017/prA1:2021**

*Fuel cell technologies - Part 3-201: Stationary fuel cell power systems - Performance test methods for small fuel cell power systems*

Språk: en Utarbeidet av: CLC/SR105

Voteringsfrist: 04.06.2021

**EN IEC 62788-5-1:2020/prA1:2021**

*Measurement procedures for materials used in photovoltaic modules - Part 5-1: Edge seals - Suggested test methods for use with edge seal materials*

Språk: en Utarbeidet av: CLC/TC82

Voteringsfrist: 21.05.2021

**FprEN IEC 62282-7-2:2021**

*Fuel cell technologies - Part 7-2: Test methods - Single cell and stack performance tests for solid oxide fuel cells (SOFCs)*

Språk: en Utarbeidet av: CLC/SR105

Voteringsfrist: 09.04.2021

**prEN IEC 61226:2021**

*Nuclear power plants - Instrumentation, control and electrical power systems important to safety - Categorization of functions and classification of systems*

Språk: en Utarbeidet av: CLC/TC45AX

Voteringsfrist: 21.05.2021

**prEN IEC 62093:2021**

*Power conversion equipment for photovoltaic systems - Design qualification testing*

Språk: en Utarbeidet av: CLC/TC82

Voteringsfrist: 21.05.2021

**prEN IEC 62108:2021**

*Concentrator photovoltaic (CPV) modules and assemblies - Design qualification and type approval*

Språk: en Utarbeidet av: CLC/TC82

Voteringsfrist: 04.06.2021

**prEN IEC 62855:2021**

*Nuclear power plants - Electrical power systems - Electrical power systems analysis*

Språk: en Utarbeidet av: CLC/TC45AX

Voteringsfrist: 21.05.2021

**prEN IEC 62954:2021**

*Nuclear power plants - Control rooms - Requirements for emergency response facilities*

Språk: en Utarbeidet av: CLC/TC45AX

Voteringsfrist: 21.05.2021

**prEN IEC/IEEE 62582-6:2021**

*Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 6: Insulation resistance*

Språk: en Utarbeidet av: CLC/TC45AX

Voteringsfrist: 21.05.2021

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon****NEK IEC 61215-1 Utgave: 2.0 År: 2021**

*Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1: Test requirements*

Språk: en/fr Utarbeidet av: IEC/TC82

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon****NEK IEC 61215-2 Utgave: 2.0 År: 2021**

*Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 2: Test procedures*

Språk: en/fr Utarbeidet av: IEC/TC82

**NEK IEC 61215-1 RLV Utgave: 2.0 År: 2021**

*Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1: Test requirements*

Språk: en Utarbeidet av: IEC/TC82

**NEK IEC 61215-1-1 Utgave: 2.0 År: 2021**

*Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-1: Special requirements for testing of crystalline silicon photovoltaic (PV) modules*

Språk: en Utarbeidet av: IEC/TC82

**NEK IEC 61215-1-3 Utgave: 2.0 År: 2021**

*Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-3: Special requirements for testing of thin-film amorphous silicon based photovoltaic (PV) modules*

Språk: en/fr Utarbeidet av: IEC/TC82

**NEK IEC 61215-1-4 Utgave: 2.0 År: 2021**

*Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-4: Special requirements for testing of thin-film Cu(In,Ga)(S,Se)<sub>2</sub> based photovoltaic (PV) modules*

Språk: en/fr Utarbeidet av: IEC/TC82

**NEK IEC 61215-2 RLV Utgave: 2.0 År: 2021**

*Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 2: Test procedures*

Språk: en Utarbeidet av: IEC/TC82

**NEK IEC 61215-1-1 RLV Utgave: 2.0 År: 2021**

*Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-1: Special requirements for testing of crystalline silicon photovoltaic (PV) modules*

Språk: en Utarbeidet av: IEC/TC82

**NEK IEC 61215-1-3 RLV Utgave: 2.0 År: 2021**

*Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-3: Special requirements for testing of thin-film amorphous silicon based photovoltaic (PV) modules*

Språk: en Utarbeidet av: IEC/TC82

**NEK IEC 61215-1-4 RLV Utgave: 2.0 År: 2021**

*Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-4: Special requirements for testing of thin-film Cu(In,Ga)(S,Se)<sub>2</sub> based photovoltaic (PV) modules*

Språk: en Utarbeidet av: IEC/TC82

**Rapporter fra IEC (IEC/TR og CISPR/TR)****NEK IEC/TR 63226 Utgave: 1.0 År: 2021**

*Managing fire risk related to photovoltaic (PV) systems on buildings*

Språk: en Utarbeidet av: IEC/TC82

**Fastsatte norske europasnormer****NEK EN IEC 61215-1-2:2021**

Jordbundne fotovoltaiske moduler - Utformings-kvalifikasjoner og typegodkjenning - Del 1-2: Spesielle krav til prøving av tynnfilm Cadmium Telluride (CdTe) baserte fotovoltaiske moduler

*Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-2: Special requirements for testing of thin-film Cadmium Telluride (CdTe) based photovoltaic (PV) modules*

Språk: en Utarbeidet av: CLC/TC82

**Fastsatte norske europasnormer**

**NEK EN IEC 62787:2021**

*Concentrator photovoltaic (CPV) solar cells and cell on carrier (CoC) assemblies - Qualification*

Språk: en Utarbeidet av: CLC/TC82

**Forslag til normer på høring - europeiske (CLC)****CLC IEC/FprTS 60079-47:2021**

*Explosive atmospheres - Part 47: Equipment protection by 2-wire intrinsically safe Ethernet concept (2-WISE)*

Språk: en Utarbeidet av: CLC/TC31

Voteringsfrist: 21.05.2021

**CLC/FprTS 50152-4:2021**

*Railway applications - Fixed installations - Particular requirements for AC switchgear - Part 4: AC metal-enclosed traction switchgear*

Språk: en Utarbeidet av: CLC/TC9X

Voteringsfrist: 04.06.2021

**EN 50604-1:2016/FprA1:2021**

*Secondary lithium batteries for light EV (electric vehicle) applications - Part 1: General safety requirements and test methods*

Språk: en Utarbeidet av: CLC/TC21X

Voteringsfrist: 07.05.2021

**EN IEC 62040-1:2019/FprA1:2021**

*Uninterruptible power systems (UPS) - Part 1: Safety requirements*

Språk: en Utarbeidet av: CLC/TC22X

Voteringsfrist: 09.04.2021

**EN IEC 62271-209:2019/prA1:2021**

*Amendment 1 - High-voltage switchgear and controlgear - Part 209: Cable connections for gasinsulated metal-enclosed switchgear for rated voltages above 52 kV - Fluid-filled and extruded insulation cables - Fluid-filled and dry-type cable-terminations*

Språk: en Utarbeidet av: CLC/TC17AC

Voteringsfrist: 14.05.2021

**EN IEC 63013:2019/prA1:2021**

*LED packages - Long-term luminous and radiant flux maintenance projection*

Språk: en Utarbeidet av: CLC/TC34

Voteringsfrist: 04.06.2021

**FprEN IEC 60309-1:2021**

*Plugs, fixed or portable socket- outlets and appliance inlets for industrial purposes - Part 1: General requirements*

Språk: en Utarbeidet av: CLC/TC23H

Voteringsfrist: 23.04.2021

**FprEN IEC 60309-2:2021**

*Plugs, fixed or portable socket- outlets and appliance inlets for industrial purposes - Part 2: Dimensional interchangeability requirements for pin and contact-tube accessories*

Språk: en Utarbeidet av: CLC/TC23H

Voteringsfrist: 23.04.2021

**FprEN IEC 60309-4:2021**

*Plugs, fixed or portable socket-outlets and appliance inlets for industrial purposes - Part 4: Switched socket-outlets and connectors, with or without interlock*

Språk: en Utarbeidet av: CLC/TC23H

Voteringsfrist: 23.04.2021

**FprEN IEC 61316:2021**

*Industrial cable reels*

Språk: en Utarbeidet av: CLC/TC23H

Voteringsfrist: 23.04.2021

**Forslag til normer på høring - europeiske (CLC)****FprEN IEC 61558-2-4:2021**

*Safety of transformers, reactors, power supply units and combinations thereof - Part 2-4: Particular requirements and tests for isolating transformers and power supply units incorporating isolating transformers for general applications*

Språk: en Utarbeidet av: CLC/SR96

Voteringsfrist: 09.04.2021

**FprEN IEC 61558-2-6:2021**

*Safety of transformers, reactors, power supply units and combinations thereof - Part 2-6: Particular requirements and tests for safety isolating transformers and power supply units incorporating safety isolating transformers for general applications*

Språk: en Utarbeidet av: CLC/SR96

Voteringsfrist: 09.04.2021

**FprEN IEC 61558-2-16:2021**

*Safety of transformers, reactors, power supply units and combinations thereof - Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units for general applications*

Språk: en Utarbeidet av: CLC/SR96

Voteringsfrist: 23.04.2021

**FprEN IEC 62271-100:2021**

*High-voltage switchgear and controlgear - Part 100: Alternating current circuit-breakers*

Språk: en Utarbeidet av: CLC/TC17AC

Voteringsfrist: 23.04.2021

**FprEN IEC 62271-103:2021**

*High-voltage switchgear and controlgear - Part 103: Switches for rated voltages above 1 kV up to and including 52 kV*

Språk: en Utarbeidet av: CLC/TC17AC

Voteringsfrist: 02.04.2021

**FprEN IEC 62271-200:2021**

*High-voltage switchgear and controlgear - Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV*

Språk: en Utarbeidet av: CLC/TC17AC

Voteringsfrist: 02.04.2021

**prEN 50522:2021**

*Earthing of power installations exceeding 1 kV a.c.*

Språk: en Utarbeidet av: CLC/TC99X

Voteringsfrist: 04.06.2021

**prEN IEC 60034-1:2021**

*Rotating electrical machines - Part 1: Rating and performance*

Språk: en Utarbeidet av: CLC/TC2

Voteringsfrist: 28.05.2021

**prEN IEC 60216-5:2021**

*Electrical insulating materials - Thermal endurance properties - Part 5: Determination of relative temperature index (RTI) of an insulating material*

Språk: en Utarbeidet av: CLC/SR112

Voteringsfrist: 21.05.2021

**prEN IEC 60216-6:2021**

*Electrical insulating materials - Thermal endurance properties - Part 6: Determination of thermal endurance indices (TI and RTI) of an insulating material using the fixed time frame method*

Språk: en Utarbeidet av: CLC/SR112

Voteringsfrist: 21.05.2021



**Forslag til normer på høring - europeiske (CLC)****prEN IEC 60335-2-95:2021**

*Household and similar electrical appliances - Safety - Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 07.05.2021

**prEN IEC 60335-2-95:2021/prAA:2021**

*Household and similar electrical appliances - Safety - Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 07.05.2021

**prEN IEC 60598-2-20:2021**

*Luminaires - Part 2-20: Particular requirements - Lighting chains*

Språk: en Utarbeidet av: CLC/TC34

Voteringsfrist: 21.05.2021

**prEN IEC 61340-5-3:2021**

*Electrostatics - Part 5-3: Protection of electronic devices from electrostatic phenomena - Properties and requirements classification for packaging intended for electrostatic discharge sensitive devices*

Språk: en Utarbeidet av: CLC/SR101

Voteringsfrist: 07.05.2021

**prEN IEC 62660-3:2021**

*Secondary lithium-ion cells for the propulsion of electric road vehicles - Part 3: Safety requirements*

Språk: en Utarbeidet av: CLC/TC21X

Voteringsfrist: 14.05.2021

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon****NEK IEC 60079-26 Utgave: 4.0 År: 2021**

*Explosive atmospheres - Part 26: Equipment with Separation Elements or combined Levels of Protection*

Språk: en/fr Utarbeidet av: IEC/TC31

**NEK IEC 60502-1 Utgave: 3.0 År: 2021**

*Power cables with extruded insulation and their accessories for rated voltages from 1 kV ( $U_m = 1,2$  kV) up to 30 kV ( $U_m = 36$  kV) - Part 1: Cables for rated voltages of 1 kV ( $U_m = 1,2$  kV) and 3 kV ( $U_m = 3,6$  kV)*

Språk: en Utarbeidet av: IEC/TC20

**NEK IEC 61472-2 Utgave: 1.0 År: 2021**

*Live working - Minimum approach distances - Part 2: Method of determination of the electrical component distance for AC systems from 1,0 kV to 72,5 kV*

Språk: en/fr Utarbeidet av: IEC/TC78

**NEK IEC 61800-2 Utgave: 3.0 År: 2021**

*Adjustable speed electrical power drive systems - Part 2: General requirements - Rating specifications for adjustable speed AC power drive systems*

Språk: en/fr Utarbeidet av: IEC/SC22G

**NEK IEC 61800-5-3 Utgave: 1.0 År: 2021**

*Adjustable speed electrical power drive systems - Part 5-3: Safety requirements - Functional, electrical and environmental requirements for encoders*

Språk: en/fr Utarbeidet av: IEC/SC22G

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon****NEK IEC 62899-202-7 Utgave: 1.0 År: 2021**

*Printed electronics - Part 202-7: Materials - Printed film - Measurement of peel strength for printed layer on flexible substrate by 90° peel method*

Språk: en Utarbeidet av: IEC/TC119

**NEK IEC 63210 Utgave: 1.0 År: 2021**

*Shunt power capacitors of the self-healing type for AC systems having a rated voltage above 1 000 V*

Språk: en/fr Utarbeidet av: IEC/TC33

**NEK IEC 63245-1 Utgave: 1.0 År: 2021**

*Spatial wireless power transfer based on multiple magnetic resonances - Part 1: Requirements*

Språk: en/fr Utarbeidet av: IEC/TC100/TA 15

**Fastsatte norske europasnormer****NEK EN 60320-1:2015/A1:2021**

*Appliance couplers for household and similar general purposes - Part 1: General requirements*

Språk: en Utarbeidet av: CLC/SR23G

**NEK EN 60320-3:2014/A1:2021**

*Appliance couplers for household and similar general purposes - Part 3: Standard sheets and gauges*

Språk: en Utarbeidet av: CLC/SR23G

**NEK EN IEC 60076-22-5:2021**

*Krafttransformatorer - Del 22-5: Tilkoblinger for krafttransformatorer og reaktor - Elektriske pumper for transformatorer*

*Power transformers - Part 22-5: Power transformer and reactor fittings - Electric pumps for transformers*

Språk: en Utarbeidet av: CLC/TC14

**NEK EN IEC 60076-22-6:2021**

*Power transformers - Part 22-6: Power transformer and reactor fittings - Electric fans for transformers*

Språk: en Utarbeidet av: CLC/TC14

**NEK EN IEC 60305:2021**

*Isolatorer for luftledninger med nominell spenning over 000 V Keramikk- eller glassisolatorenheter for vekselstrømsystemer*  
*Karakteristikker for isolatorenheter av kappe og bolttypen (hengeisolatorer)*

*Insulators for overhead lines with a nominal voltage above 1000 V - Ceramic or glass insulator units for AC systems - Characteristics of insulator units of the cap and pin type*

Språk: en Utarbeidet av: CLC/SR36

**NEK EN IEC 60320-2-1:2021**

*Apparatkontakter for husholdningsbruk - Del 2: Symaskinkontakter*

*Appliance couplers for household and similar general purposes - Part 2-1: Sewing machine couplers*

Språk: en Utarbeidet av: CLC/SR23G

**NEK EN IEC 60320-2-3:2021**

*Apparatkontakter for husholdningsbruk - Del 2-3: Apparatkontakter med en grad av beskyttelse høyere enn IPX0*

*Appliance couplers for household and similar general purposes - Part 2-3: Appliance couplers with a degree of protection higher than IPX0*

Språk: en Utarbeidet av: CLC/SR23G

**NEK EN IEC 60320-2-4:2021**

*Apparatkontakter for husholdnings- o.l. generell bruk - Del 2-4: Kontakter som er avhengig av apparatvekten ved tilkøpling*

*Appliance couplers for household and similar general purposes - Part 2-4: Couplers dependent on appliance weight for engagement*

Språk: en Utarbeidet av: CLC/SR23G

**Fastsatte norske europasnormer****NEK EN IEC 60433:2021**

Isolatorer for luftlinjer med nominell spenning over 1000 V - Keramiske isolatorer for vekselstrømsystemer - Karakteristiske dimensjoner for stavisolatorer

*Insulators for overhead lines with a nominal voltage above 1000 V - Ceramic insulators for AC systems - Characteristics of insulator units of the long rod type*

Språk: en Utarbeidet av: CLC/SR36

**NEK EN IEC 60598-1:2021**

Lysarmaturer - Del 1: Generelle krav og prøver

*Luminaires - Part 1: General requirements and tests*

Språk: en Utarbeidet av: CLC/TC34

**NEK EN IEC 60799:2021**

Elektrisk installasjonsmaterieell - Ledningssett og sammenkopplingsledningssett

*Electrical accessories - Cord sets and interconnection cord sets*

Språk: en Utarbeidet av: CLC/SR23G

**NEK EN IEC 60947-1:2021**

Lavspennings koblings- og kontrollutstyr - Del 1: Generelle regler

*Low-voltage switchgear and controlgear - Part 1: General rules*

Språk: en Utarbeidet av: CLC/TC121A

**NEK EN IEC 60947-3:2021**

*Low-voltage switchgear and controlgear - Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units*

Språk: en Utarbeidet av: CLC/TC121A

**NEK EN IEC 61800-1:2021**

Elektriske motordrifter for variabelt turtall - Del 1: Spesifikasjoner for lavspennings motordrifter, likespenning

*Adjustable speed electrical power drive systems - Part 1: General requirements - Rating specifications for low voltage adjustable speed DC power drive systems*

Språk: en Utarbeidet av: CLC/TC22X

**NEK EN IEC 62281:2019/A1:2021**

*Safety of primary and secondary lithium cells and batteries during transport*

Språk: en Utarbeidet av: CLC/SR35

**Forslag til normer på høring - europeiske (CLC)****prEN IEC 61051-2:2021**

*Varistors for use in electronic equipment - Part 2: Sectional specification for surge suppression varistors*

Språk: en Utarbeidet av: CLC/SR40

Voteringsfrist: 04.06.2021

**prEN IEC 63041-1:2021**

*Piezoelectric sensors - Part 1: Generic specifications*

Språk: en Utarbeidet av: CLC/SR49

Voteringsfrist: 14.05.2021

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon****NEK IEC 60747-14-11 Utgave: 1.0 År: 2021**

*Semiconductor devices - Part 14-11: Semiconductor sensors - Test method of surface acoustic wave-based integrated sensors for measuring ultraviolet, illumination and temperature*

Språk: en Utarbeidet av: IEC/SC47E

**NEK IEC 61188-6-1 Utgave: 1.0 År: 2021**

*Circuit boards and circuit board assemblies - Design and use - Part 6-1: Land pattern design - Generic requirements for land pattern on circuit boards*

Språk: en/fr Utarbeidet av: IEC/TC91

**NEK IEC 62830-7 Utgave: 1.0 År: 2021**

*Semiconductor devices - Semiconductor devices for energy harvesting and generation - Part 7: Linear sliding mode triboelectric energy harvesting*

Språk: en/fr Utarbeidet av: IEC/TC47

**NEK IEC 62899-202-7 Utgave: 1.0 År: 2021**

*Printed electronics - Part 202-7: Materials - Printed film - Measurement of peel strength for printed layer on flexible substrate by 90° peel method*

Språk: en Utarbeidet av: IEC/TC119

**NEK IEC 63171 Utgave: 1.0 År: 2021**

*Connectors for electrical and electronic equipment - Shielded or unshielded free and fixed connectors for balanced single-pair data transmission with current-carrying capacity - General requirements and tests*

Språk: en/fr Utarbeidet av: IEC/SC48B

**NEK IEC 63210 Utgave: 1.0 År: 2021**

*Shunt power capacitors of the self-healing type for AC systems having a rated voltage above 1 000 V*

Språk: en/fr Utarbeidet av: IEC/TC33

**Rapporter fra IEC (IEC/TR og CISPR/TR)****NEK IEC/TR 62977-5-2 Utgave: 1.0 År: 2021**

*Electronic displays - Part 5-2: Visual assessment - Colour discrimination according to viewing direction*

Språk: en Utarbeidet av: IEC/TC110

**Fastsatte norske europasnormer****NEK EN IEC 61188-6-2:2021**

*Circuit boards and circuit board assemblies - Design and use - Part 6-2: Land pattern design - Description of land pattern for the most common surface mounted components (SMD)*

Språk: en Utarbeidet av: CLC/SR91

**Fastsatte norske europasnormer****NEK EN IEC 61189-5-502:2021**

*Test methods for electrical materials, printed board and other interconnection structures and assemblies - Part 5-502: General test methods for materials and assemblies - Surface insulation resistance (SIR) testing of assemblies*

Språk: en Utarbeidet av: CLC/SR91

**NEK EN IEC 61189-5-601:2021**

*Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 5-601: General test methods for materials and assemblies - Reflow soldering ability test for solder joint, and reflow heat resistance test for*

Språk: en Utarbeidet av: CLC/SR91

**NEK EN IEC 61760-3:2021**

*Surface mounting technology - Part 3: Standard method for the specification of components for through-hole reflow (THR) soldering*

Språk: en Utarbeidet av: CLC/SR91

**Forslag til normer på høring - europeiske (CLC)**

**prEN IEC 60794-3-40:2021**

*Optical fibre cables - Part 3-40: Outdoor cables - Family specification for cables for storm and sanitary sewers*

Språk: en Utarbeidet av: CLC/TC86A

Voteringsfrist: 28.05.2021

**prEN IEC 61968-100:2021**

*Application integration at electric utilities - System interfaces for distribution management - Part 100: Implementation profiles*

Språk: en Utarbeidet av: CLC/TC/57

Voteringsfrist: 04.06.2021

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon**

**NEK IEC 60793-2-40 Utgave: 5.0 År: 2021**

*Optical fibres - Part 2-40: Product specifications - Sectional specification for category A4 multimode fibres*

Språk: en/fr Utarbeidet av: IEC/SC86A

**NEK IEC 60793-2-40 RLV Utgave: 5.0 År: 2021**

*Optical fibres - Part 2-40: Product specifications - Sectional specification for category A4 multimode fibres*

Språk: en Utarbeidet av: IEC/SC86A

**NEK IEC 60794-1-211 Utgave: 1.0 År: 2021**

*Optical fibre cables - Part 1-211: Generic specification - Basic optical cable test procedures - Environmental test methods - Sheath shrinkage, method F11*

Språk: en/fr Utarbeidet av: IEC/SC86A

**NEK IEC 61000-4-30-am1 Utgave: 3.0 År: 2021**

*Amendment 1 - Electromagnetic compatibility (EMC) - Part 4-30: Testing and measurement techniques - Power quality measurement methods*

Språk: en/fr Utarbeidet av: IEC/SC77A

**NEK IEC 61000-4-30 CSV Utgave: 3.1 År: 2021**

*Electromagnetic compatibility (EMC) - Part 4-30: Testing and measurement techniques - Power quality measurement methods*

Språk: en/fr Utarbeidet av: IEC/SC77A

**NEK IEC 61169-66 Utgave: 1.0 År: 2021**

*Radio-frequency connectors - Part 66: Sectional specification for RF coaxial connectors with 5 mm inner diameter of outer conductor, with quick-lock- or screw-coupling, characteristic impedance 50 Ω (series 2,2-5)*

Språk: en/fr Utarbeidet av: IEC/SC46F

**NEK IEC 61280-2-8 Utgave: 2.0 År: 2021**

*Fibre optic communication subsystem test procedures - Part 2-8: Digital systems - Determination of low BER using Q-factor measurements*

Språk: en/fr Utarbeidet av: IEC/SC86C

**NEK IEC 61280-2-8 RLV Utgave: 2.0 År: 2021**

*Fibre optic communication subsystem test procedures - Part 2-8: Digital systems - Determination of low BER using Q-factor measurements*

Språk: en Utarbeidet av: IEC/SC86C

**NEK IEC 61290-1-3 Utgave: 4.0 År: 2021**

*Optical amplifiers - Test methods - Part 1-3: Power and gain parameters - Optical power meter method*

Språk: en/fr Utarbeidet av: IEC/SC86C

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon**

**NEK IEC 61290-1-3 RLV Utgave: 4.0 År: 2021**

*Optical amplifiers - Test methods - Part 1-3: Power and gain parameters - Optical power meter method*

Språk: en Utarbeidet av: IEC/SC86C

**NEK IEC 61300-2-10 Utgave: 3.0 År: 2021**

*Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-10: Tests - Crush and load resistance*

Språk: en/fr Utarbeidet av: IEC/SC86B

**NEK IEC 61300-2-14 Utgave: 4.0 År: 2021**

*Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-14: Tests - High optical power*

Språk: en/fr Utarbeidet av: IEC/SC86B

**NEK IEC 61300-2-10 RLV Utgave: 3.0 År: 2021**

*Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-10: Tests - Crush and load resistance*

Språk: en Utarbeidet av: IEC/SC86B

**NEK IEC 61300-2-14 RLV Utgave: 4.0 År: 2021**

*Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-14: Tests - High optical power*

Språk: en Utarbeidet av: IEC/SC86B

**NEK IEC 61937-1 Utgave: 3.0 År: 2021**

*Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 1: General*

Språk: en/fr Utarbeidet av: IEC/TC100/TA 20

**NEK IEC 61937-2 Utgave: 3.0 År: 2021**

*Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 2: Burst-info*

Språk: en/fr Utarbeidet av: IEC/TC100/TA 20

**NEK IEC 61937-1 RLV Utgave: 3.0 År: 2021**

*Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 1: General*

Språk: en Utarbeidet av: IEC/TC100/TA 20

**NEK IEC 61937-2 RLV Utgave: 3.0 År: 2021**

*Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 2: Burst-info*

Språk: en Utarbeidet av: IEC/TC100/TA 20

**NEK IEC 62106-2 Utgave: 2.0 År: 2021**

*Radio data system (RDS) - VHF/FM sound broadcasting in the frequency range from 64,0 MHz to 108,0 MHz - Part 2: Message format: coding and definition of RDS features*

Språk: en Utarbeidet av: IEC/TC100/TA 1

**NEK IEC 62106-2 RLV Utgave: 2.0 År: 2021**

*Radio data system (RDS) - VHF/FM sound broadcasting in the frequency range from 64,0 MHz to 108,0 MHz - Part 2: Message format: coding and definition of RDS features*

Språk: en Utarbeidet av: IEC/TC100/TA 1

**NEK IEC 62149-3/Cor1 Utgave: 3.0 År: 2021**

*Corrigendum 1 - Fibre optic active components and devices - Performance standards - Part 3: Modulator-integrated laser diode transmitters for 40-Gbit/s fibre optic transmission systems*

Språk: en/fr Utarbeidet av: IEC/SC86C

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon**

**NEK IEC 62680-1-3 Utgave: 4.0 År: 2021**

*Universal serial bus interfaces for data and power - Part 1-3: Common components - USB Type-CÂ® Cable and Connector Specification*

Språk: en/fr Utarbeidet av: IEC/TC100/TA 18

**Rapporter fra IEC (IEC/TR og CISPR/TR)**

**NEK IEC/TR 62351-90-3 Utgave: 1.0 År: 2021**

*Power systems management and associated information exchange - Data and communications security - Part 90-3: Guidelines for network and system management*

Språk: en Utarbeidet av: IEC/TC57

**NEK IEC/TR 62959 Utgave: 1.0 År: 2021**

*Optical fibre cables - Shrinkage effects on cable and cable element end termination - Guidance*

Språk: en Utarbeidet av: IEC/SC86A

**NEK IEC/TR 63274 Utgave: 1.0 År: 2021**

*Power consumption of high dynamic range television sets*

Språk: en Utarbeidet av: IEC/TC100/TA 19

**Fastsatte norske europasnormer**

**NEK EN 60601-1-2:2015/A1:2021**

*Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests*

Språk: en Utarbeidet av: CLC/TC62

**NEK EN IEC 60793-1-34:2021**

Fiberoptikk - Del 1-34: Målemetoder og prøveprosedyrer - Fiberrotasjon

*Optical fibres - Part 1-34: Measurement methods and test procedures - Fibre curl*

Språk: en Utarbeidet av: CLC/TC86A

**NEK EN IEC 60794-1-2:2021**

Fiberoptiske kabler - Del 1-2: Generisk spesifikasjon - Grunnleggende prøvingsprosedyrer for optiske kabler - Generell veiledning

*Optical fibre cables - Part 1-2: Generic specification - Basic optical cable test procedures - General guidance*

Språk: en Utarbeidet av: CLC/TC86A

**NEK EN IEC 60958-5:2021**

*Digital audio interface - Part 5: Consumer application enhancement*

Språk: en Utarbeidet av: CLC/TC100X

**NEK EN IEC 61300-2-4:2019/A1:2020**

*Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-4: Tests - Fibre or cable retention*

Språk: en Utarbeidet av: CLC/TC86BXA

**NEK EN IEC 62149-3:2020/AC:2021-03**

*Fibre optic active components and devices - Performance standards - Part 3: Modulator-integrated laser diode transmitters for 40-Gbit/s fibre optic transmission systems*

Språk: en Utarbeidet av: CLC/SR86C



**Forslag til normer på høring - europeiske (CLC)****CLC IEC/FprTR 62541-1:2021***OPC unified architecture - Part 1: Overview and concepts*

Språk: en Utarbeidet av: CLC/TC65X/WG01

Voteringsfrist: 21.05.2021

**CLC IEC/FprTR 62541-2:2021***OPC unified architecture - Part 2: Security Model*

Språk: en Utarbeidet av: CLC/TC65X/WG01

Voteringsfrist: 21.05.2021

**prEN IEC 62453-2:2021***Field device tool (FDT) interface specification - Part 2: Concepts and detailed description*

Språk: en Utarbeidet av: CLC/TC65X/WG01

Voteringsfrist: 21.05.2021

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon****NEK IEC 61784-3 Utgave: 4.0 År: 2021***Industrial communication networks - Profiles - Part 3: Functional safety fieldbuses - General rules and profile definitions*

Språk: en/fr Utarbeidet av: IEC/SC65C

**NEK IEC 61937-15 Utgave: 1.0 År: 2021***Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 15: Non-linear PCM bit streams according to Auro-Cx format*

Språk: en Utarbeidet av: IEC/TC100/TA 20

**NEK IEC 62591/Cor1 Utgave: 2.0 År: 2021***Corrigendum 1 - Industrial networks - Wireless communication network and communication profiles - WirelessHART<sup>TM</sup>*

Språk: en/fr Utarbeidet av: IEC/SC65C

**NEK IEC 62601/Cor1 Utgave: 2.0 År: 2021***Corrigenda 1 - Industrial networks - Wireless communication network and communication profiles - WIA-PA*

Språk: en/fr Utarbeidet av: IEC/SC65C

**NEK IEC 62680-1-3 Utgave: 4.0 År: 2021***Universal serial bus interfaces for data and power - Part 1-3: Common components - USB Type-C<sup>®</sup> Cable and Connector Specification*

Språk: en/fr Utarbeidet av: IEC/TC100/TA 18

**NEK IEC 62948/Cor1 Utgave: 1.0 År: 2021***Corrigendum 1 - Industrial networks - Wireless communication network and communication profiles - WIA-FA*

Språk: en Utarbeidet av: IEC/SC65C

**NEK IEC 63154 Utgave: 1.0 År: 2021***Maritime navigation and radiocommunication equipment and systems - Cybersecurity - General requirements, methods of testing and required test results*

Språk: en/fr Utarbeidet av: IEC/TC80

**NEK IEC 63245-1 Utgave: 1.0 År: 2021***Spatial wireless power transfer based on multiple magnetic resonances - Part 1: Requirements*

Språk: en/fr Utarbeidet av: IEC/TC100/TA 15

**Fastsatte norske europasnormer**

**NEK EN IEC 62769-1:2021**

*Field Device Integration (FDI) - Part 1: Overview*

Språk: en Utarbeidet av: CLC/TC65X/WG01

**NEK EN IEC 62769-5:2021**

*Field Device Integration (FDI) - Part 5: Information Model*

Språk: en Utarbeidet av: CLC/TC65X/WG01

**NEK EN IEC 62769-6:2021**

*Field Device Integration (FDI) - Part 6: Technology Mapping*

Språk: en Utarbeidet av: CLC/TC65X/WG01

**NEK EN IEC 62769-7:2021**

*Field Device Integration (FDI) - Part 7: Communication devices*

Språk: en Utarbeidet av: CLC/TC65X/WG01

**NEK EN IEC 62769-150-1:2021**

*Field device integration (FDI) - Part 150-1: Profiles - ISA100 WIRELESS*

Språk: en Utarbeidet av: CLC/TC65X/WG01

**Forslag til normer på høring - europeiske (CLC)**

**prEN IEC 62660-3:2021**

*Secondary lithium-ion cells for the propulsion of electric road vehicles - Part 3: Safety requirements*

Språk: en Utarbeidet av: CLC/TC21X

Voteringsfrist: 14.05.2021

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon**

**NEK IEC 61924-2 Utgave: 2.0 År: 2021**

*Maritime navigation and radiocommunication equipment and systems - Integrated navigation systems (INS) - Part 2: Modular structure for INS - Operational and performance requirements, methods of testing and required test results*

Språk: en/fr Utarbeidet av: IEC/TC80

**NEK IEC 61924-2 RLV Utgave: 2.0 År: 2021**

*Maritime navigation and radiocommunication equipment and systems - Integrated navigation systems (INS) - Part 2: Modular structure for INS - Operational and performance requirements, methods of testing and required test results*

Språk: en Utarbeidet av: IEC/TC80

**NEK IEC 63154 Utgave: 1.0 År: 2021**

*Maritime navigation and radiocommunication equipment and systems - Cybersecurity - General requirements, methods of testing and required test results*

Språk: en/fr Utarbeidet av: IEC/TC80

**NEK IEC/PAS 61174-1 Utgave: 1.0 År: 2021**

*Maritime navigation and radiocommunication equipment and systems - Part 1: Route plan exchange format (RTZ) - General requirements, methods of testing and required test results*

Språk: en Utarbeidet av: IEC/TC80

**NEK IEC/PAS 63343 Utgave: 1.0 År: 2021**

*Maritime navigation and radiocommunication equipment and systems - VHF data exchange system - Requirements and methods of testing for stations including ASM functionality*

Språk: en Utarbeidet av: IEC/TC80

**Forslag til normer på høring - europeiske (CLC)****FprCEN/CLC/TR 17603-20-05**

*Space engineering - High voltage engineering and design handbook*

Språk: en Utarbeidet av: CEN/CLC/JTC 5

Voteringsfrist: 06.05.2021

**FprCEN/CLC/TR 17603-31-01**

*Space Engineering - Thermal design handbook - Part 1: View factors*

Språk: en Utarbeidet av: CEN/CLC/JTC 5

Voteringsfrist: 06.05.2021

**FprCEN/CLC/TR 17603-31-02**

*Space Engineering - Thermal design handbook - Part 2: Holes, Grooves and Cavities*

Språk: en Utarbeidet av: CEN/CLC/JTC 5

Voteringsfrist: 06.05.2021

**FprCEN/CLC/TR 17603-31-03**

*Space Engineering - Thermal design handbook - Part 3: Spacecraft Surface Temperature*

Språk: en Utarbeidet av: CEN/CLC/JTC 5

Voteringsfrist: 06.05.2021

**FprCEN/CLC/TR 17603-31-04**

*Space Engineering - Thermal design handbook - Part 4: Conductive Heat Transfer*

Språk: en Utarbeidet av: CEN/CLC/JTC 5

Voteringsfrist: 06.05.2021

**FprCEN/CLC/TR 17603-31-05**

*Space Engineering - Thermal design handbook - Part 5: Structural Materials: Metallic and Composite*

Språk: en Utarbeidet av: CEN/CLC/JTC 5

Voteringsfrist: 06.05.2021

**FprCEN/CLC/TR 17603-31-06**

*Space Engineering - Thermal design handbook - Part 6: Thermal Control Surfaces*

Språk: en Utarbeidet av: CEN/CLC/JTC 5

Voteringsfrist: 13.05.2021

**FprCEN/CLC/TR 17603-31-07**

*Space Engineering - Thermal design handbook - Part 7: Insulations*

Språk: en Utarbeidet av: CEN/CLC/JTC 5

Voteringsfrist: 13.05.2021

**FprCEN/CLC/TR 17603-31-08**

*Space Engineering - Thermal design handbook - Part 8: Heat Pipes*

Språk: en Utarbeidet av: CEN/CLC/JTC 5

Voteringsfrist: 13.05.2021

**FprCEN/CLC/TR 17603-31-09**

*Space Engineering - Thermal design handbook - Part 9: Radiators*

Språk: en Utarbeidet av: CEN/CLC/JTC 5

Voteringsfrist: 13.05.2021

**FprCEN/CLC/TR 17603-31-10**

*Space engineering - Thermal design handbook - Part 10: Phase - Change Capacitor*

Språk: en Utarbeidet av: CEN/CLC/JTC 5

Voteringsfrist: 13.05.2021

**Forslag til normer på høring - europeiske (CLC)****FprCEN/CLC/TR 17603-31-11**

*Space engineering - Thermal design handbook - Part 11: Electrical Heating*

Språk: en Utarbeidet av: CEN/CLC/JTC 5

Voteringsfrist: 13.05.2021

**FprCEN/CLC/TR 17603-31-12**

*Space Engineering - Thermal design handbook - Part 12: Louvers*

Språk: en Utarbeidet av: CEN/CLC/JTC 5

Voteringsfrist: 20.05.2021

**FprCEN/CLC/TR 17603-31-13**

*Space Engineering - Thermal design handbook - Part 13: Fluid Loops*

Språk: en Utarbeidet av: CEN/CLC/JTC 5

Voteringsfrist: 20.05.2021

**FprCEN/CLC/TR 17603-31-14**

*Space Engineering - Thermal design handbook - Part 14: Cryogenic Cooling*

Språk: en Utarbeidet av: CEN/CLC/JTC 5

Voteringsfrist: 20.05.2021

**FprCEN/CLC/TR 17603-31-15**

*Space Engineering - Thermal design handbook - Part 15: Existing Satellites*

Språk: en Utarbeidet av: CEN/CLC/JTC 5

Voteringsfrist: 20.05.2021

**FprCEN/CLC/TR 17603-31-16**

*Space Engineering - Thermal design handbook - Part 16: Thermal Protection System*

Språk: en Utarbeidet av: CEN/CLC/JTC 5

Voteringsfrist: 20.05.2021

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon****NEK IEC/PAS 63343 Utgave: 1.0 År: 2021**

*Maritime navigation and radiocommunication equipment and systems - VHF data exchange system - Requirements and methods of testing for stations including ASM functionality*

Språk: en Utarbeidet av: IEC/TC80

**Fastsatte norske europasnormer****NEK EN 16603-60-20:2020**

*Space engineering - Star sensor terminology and performance specification*

Språk: en Utarbeidet av: CEN/CLC/JTC 5

**Forslag til normer på høring - europeiske (CLC)**

**FprEN IEC 62841-4-3:2020/FprAA:2021**

*Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-3: Particular requirements for pedestrian controlled walk-behind lawnmowers*

Språk: en Utarbeidet av: CLC/TC116

Voteringsfrist: 16.04.2021

**Forslag til normer på høring - europeiske (CLC)**

**prEN IEC 60335-2-95:2021**

*Household and similar electrical appliances - Safety - Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 07.05.2021

**prEN IEC 60335-2-95:2021/prAA:2021**

*Household and similar electrical appliances - Safety - Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 07.05.2021



**Forslag til normer på høring - europeiske (CLC)**

**EN 60350-2:2018/FprA1:2021**

*Household electric cooking appliances - Part 2: Hobs - Methods for measuring performance*

Språk: en Utarbeidet av: CLC/TC59X

Voteringsfrist: 16.04.2021

**EN IEC 60350-1:2016/FprA1:2021**

*Household electric cooking appliances - Part 1: Ranges, ovens, steam ovens and grills - Methods for measuring performance*

Språk: en Utarbeidet av: CLC/TC59X

Voteringsfrist: 16.04.2021

**EN IEC 62885-7:2020/prA1:2021**

*Surface cleaning appliances - Part 7: Dry-cleaning robots for household or similar use - Methods for measuring the performance*

Språk: en Utarbeidet av: CLC/TC59X

Voteringsfrist: 14.05.2021

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon**

**NEK IEC 60335-2-4 Utgave: 7.0 År: 2021**

*Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors*

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-30-am2 Utgave: 5.0 År: 2021**

*Amendment 2 - Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters*

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-34 Utgave: 6.0 År: 2021**

*Household and similar electrical appliances - Safety - Part 2-34: Particular requirements for motor-compressors*

Språk: en/fr Utarbeidet av: IEC/SC61C

**NEK IEC 60335-2-53-am2 Utgave: 4.0 År: 2021**

*Amendment 2 - Household and similar electrical appliances - Safety - Part 2-53: Particular requirements for sauna heating appliances and infrared cabins*

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-115 Utgave: 1.0 År: 2021**

*Household and similar electrical appliances - Safety - Part 2-115: Particular requirements for skin beauty care appliances*

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-4 RLV Utgave: 7.0 År: 2021**

*Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors*

Språk: en Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-30 CSV Utgave: 5.2 År: 2021**

*Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters*

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-34 RLV Utgave: 6.0 År: 2021**

*Household and similar electrical appliances - Safety - Part 2-34: Particular requirements for motor-compressors*

Språk: en Utarbeidet av: IEC/SC61C

**NEK IEC 60335-2-53 CSV Utgave: 4.2 År: 2021**

*Household and similar electrical appliances - Safety - Part 2-53: Particular requirements for sauna heating appliances and infrared cabins*

Språk: en/fr Utarbeidet av: IEC/TC61

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon**

**NEK IEC 60350-1 ISH1 Utgave: 2.0 År: 2021**

*Interpretation sheet 1 - Household electric cooking appliances - Part 1: Ranges, ovens, steam ovens and grills - Methods for measuring performance*

Språk: en/fr Utarbeidet av: IEC/SC59K

**NEK IEC 60704-1 Utgave: 4.0 År: 2021**

*Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 1: General requirements*

Språk: en/fr Utarbeidet av: IEC/TC59

**NEK IEC 60704-1 RLV Utgave: 4.0 År: 2021**

*Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 1: General requirements*

Språk: en Utarbeidet av: IEC/TC59

**NEK IEC 63136/Cor1 Utgave: 1.0 År: 2021**

*Corrigendum 1 - Electric dishwashers for commercial use - Test methods for measuring the performance*

Språk: en/fr Utarbeidet av: IEC/SC59A

**Fastsatte norske europasnormer**

**NEK EN 60730-2-5:2015/A2:2021**

*Automatic electrical controls - Part 2-5: Particular requirements for automatic electrical burner control systems*

Språk: en Utarbeidet av: CLC/TC72