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MEDDELELSER FRA NORSK ELEKTROTEKNISK KOMITE

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

Sortert etter ICS-koder

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**NEK, Mustads vei 1 - 0283 Oslo**  
**Tlf. 67 83 31 00 - Ordretlf. 67 83 87 00**

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

**FprEN 60238:2016**

*Edison screw lampholders*

Språk: en Utarbeidet av: CLC/TC34Z

Voteringsfrist: 2016-04-29

**FprEN 60335-2-14:2016**

*Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 2016-04-22

**FprEN 60404-1:2016**

*Magnetic materials - Part 1: Classification*

Språk: en Utarbeidet av: CLC/SR68

Voteringsfrist: 2016-06-10

**FprEN 60433-4:2016**

*EMC IC modelling - Part 4: Models of Integrated Circuits for RF Immunity behavioural simulation - Conducted Immunity modelling (ICIM-CI)*

Språk: en Utarbeidet av: CLC/SR47A

Voteringsfrist: 2016-04-15

**FprEN 60794-2-22:2016**

*Optical fibre cables - Part 2-22: Indoor optical fibre cables - Detail specification for multi-simplex breakout optical cables to be terminated with connector*

Språk: en Utarbeidet av: CLC/TC86A

Voteringsfrist: 2016-06-03

**FprEN 60855-1:2016**

*Live working - Insulating foam-filled tubes and solid rods - Part 1: Tubes and rods of a circular cross-section*

Språk: en Utarbeidet av: CLC/TC78

Voteringsfrist: 2016-04-01

**FprEN 60966-2-4:2016**

*Radio Frequency and coaxial cable assemblies - Part 2-4: Detail specification for cable assemblies for radio and TV receivers - Frequency range 0 MHz to 3 000 MHz, IEC 61169-2 connectors*

Språk: en Utarbeidet av: CLC/TC46X

Voteringsfrist: 2016-04-22

**FprEN 61003-1:2016**

*Industrial-Process control systems - Instruments with analogue inputs and two- or multi-position outputs - Part 1: Methods of evaluating the performance*

Språk: en Utarbeidet av: CLC/TC65X

Voteringsfrist: 2016-04-15

**FprEN 61003-2:2016**

*Industrial-Process control systems - Instruments with analogue inputs and two- or multi-position outputs - Part 2: Guidance for inspection and routine testing*

Språk: en Utarbeidet av: CLC/TC65X

Voteringsfrist: 2016-04-08

**FprEN 61010-2-202:2016**

*Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-202: Particular requirements for electrically operated valve actuators*

Språk: en Utarbeidet av: CLC/TC65X

Voteringsfrist: 2016-04-29

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

**FprEN 61058-1-1:2016**

*Switches for appliances - Part 1-1: Requirements for mechanical switches*

Språk: en Utarbeidet av: CLC/SR23J

Voteringsfrist: 2016-04-08

**FprEN 61058-1-2:2016**

*Switches for appliances - Part 1-2: Requirements for electronic switches*

Språk: en Utarbeidet av: CLC/SR23J

Voteringsfrist: 2016-04-08

**FprEN 61069-1:2016**

*Industrial-process measurement, control and automation - Evaluation of system properties for the purpose of system assessment - Part 1: Terminology and basic concepts*

Språk: en Utarbeidet av: CLC/TC65X

Voteringsfrist: 2016-04-15

**FprEN 61180:2016**

*High-voltage test techniques for low voltage equipment - Definitions, test and procedure requirements, test equipment*

Språk: en Utarbeidet av: CLC/SR42

Voteringsfrist: 2016-04-01

**FprEN 61189-5-503:2016**

*Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 5-503: General test methods for materials and assemblies - Conductive Anodic Filaments (CAF) testing of circuit boards*

Språk: en Utarbeidet av: CLC/SR91

Voteringsfrist: 2016-06-03

**FprEN 61249-2-43:2016**

*Materials for printed boards and other interconnecting structures - Part 2-43: Reinforced base materials clad and unclad - Non-halogenated epoxide cellulose paper/woven E-glass reinforced laminate sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly*

Språk: en Utarbeidet av: CLC/SR91

Voteringsfrist: 2016-04-15

**FprEN 61249-2-44:2016**

*Materials for printed boards and other interconnecting structures - Part 2-44: Reinforced base materials clad and unclad - Non-halogenated epoxide non-woven/woven E-glass reinforced laminate sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly*

Språk: en Utarbeidet av: CLC/SR91

Voteringsfrist: 2016-04-15

**FprEN 61784-3-X:2016**

*Industrial communication networks - Profiles - Part 3-x: Functional safety fieldbuses - Additional specifications for CPF x*

Språk: en Utarbeidet av: CLC/TC65X

Voteringsfrist: 2016-04-29

**FprEN 62056-7-3:2016**

*Electricity metering data exchange - The DLMS/COSEM suite - Part 7-3: Wired and wireless M-Bus communication profiles for local and neighbourhood networks*

Språk: en Utarbeidet av: CLC/TC13

Voteringsfrist: 2016-05-20

**FprEN 62282-4-102:2016**

*Fuel cell technologies - Part 4-102: Fuel cell power systems for industrial electric trucks - Performance test methods*

Språk: en Utarbeidet av: CLC/SR105

Voteringsfrist: 2016-05-20

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

**FprEN 62317-12:2016**

*Ferrite cores - Dimensions - Part 12: Ring cores*

Språk: en Utarbeidet av: CLC/SR51

Voteringsfrist: 2016-06-03

**FprEN 62321-7-2:2016**

*Determination of certain substances in electrotechnical products - Part 7-2: Hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method*

Språk: en Utarbeidet av: CLC/TC111X

Voteringsfrist: 2016-06-03

**FprEN 62325-451-6:2016**

*Framework for energy market communications - Part 451-6: Publication of information on market, contextual and assembly models for European style market*

Språk: en Utarbeidet av: CLC/TC/57

Voteringsfrist: 2016-04-22

**FprEN 62351-7:2016**

*Power systems management and associated information exchange - Data and communications security - Part 7: Network and system management (NSM) data object models*

Språk: en Utarbeidet av: CLC/TC/57

Voteringsfrist: 2016-06-10

**FprEN 62488-2:2016**

*Power line communication systems for power utility applications - Part 2: Analogue power line carrier terminals (APLC)*

Språk: en Utarbeidet av: CLC/TC/57

Voteringsfrist: 2016-06-10

**FprEN 62559-3:2016**

*Use case methodology - Part 3: Definition of use case template artefacts into an XML serialized format*

Språk: en Utarbeidet av: CLC/TC8X

Voteringsfrist: 2016-05-20

**FprEN 62667:2016**

*Medical electrical equipment - Medical light ion beam equipment - Performance characteristics*

Språk: en Utarbeidet av: CLC/TC62

Voteringsfrist: 2016-05-20

**FprEN 62689-1:2016**

*Current and Voltage sensors or detectors, to be used for fault passage indication purposes - Part 1: general principles and requirements*

Språk: en Utarbeidet av: CLC/TC38

Voteringsfrist: 2016-04-01

**FprEN 62689-2:2016**

*Current and Voltage sensors or detectors, to be used for fault passage indication purposes - Part 2: General principles and requirements*

Språk: en Utarbeidet av: CLC/TC38

Voteringsfrist: 2016-04-01

**FprEN 62746-10-1:2016**

*Systems interface between customer energy management system and the power management system - Part 10-1: Open automated demand response*

Språk: en Utarbeidet av: CLC/SR118

Voteringsfrist: 2016-05-20

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

**FprEN 62784:2016**

*Particular requirements for vacuum cleaners and dust extractors providing equipment protection level Dc for the collection of combustible dusts*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 2016-06-24

**FprEN 62788-1-2:2016**

*Measurement procedures for materials used in photovoltaic modules - Part 1-2: Encapsulants - Measurement of volume resistivity of photovoltaic encapsulants and other polymeric materials*

Språk: en Utarbeidet av: CLC/TC82

Voteringsfrist: 2016-04-01

**FprEN 62803:2016**

*Measurement Method of a Frequency Response of Optical-to-Electric Conversion Device in High-Frequency Radio on Fiber Systems*

Språk: en Utarbeidet av: CLC/SR103

Voteringsfrist: 2016-04-08

**FprEN 62822-3:2016**

*Electric welding equipment - Assessment of restrictions related to human exposure to electromagnetic fields (0 Hz to 300 Hz) - Part 3: Resistance welding equipment*

Språk: en Utarbeidet av: CLC/TC26A

Voteringsfrist: 2016-06-10

**FprEN 62881:2016**

*Cause & Effect Table*

Språk: en Utarbeidet av: CLC/TC65X

Voteringsfrist: 2016-05-20

**FprEN 62927:2016**

*Voltage sourced converter (VSC) valves for static synchronous compensator (STATCOM) - Electrical Testing*

Språk: en Utarbeidet av: CLC/TC22X

Voteringsfrist: 2016-06-10

**FprEN 62939-3:2016**

*Smart grid user interface - Part 3: Energy interoperation services*

Språk: en Utarbeidet av: CLC/SR118

Voteringsfrist: 2016-05-20

**FprEN 62944:2016**

*Digital television accessibility - Functional specifications*

Språk: en Utarbeidet av: CLC/TC100X

Voteringsfrist: 2016-06-10

**FprEN 62948:2016**

*Industrial networks - Wireless communication network and communication profiles - WIA-FA*

Språk: en Utarbeidet av: CLC/TC65X

Voteringsfrist: 2016-05-20

**prEN 50398-1:2016**

*Alarm systems - Combined and integrated systems - Part 1: General requirements*

Språk: en Utarbeidet av: CLC/TC79

Voteringsfrist: 2016-06-10

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

**NEK IEC 60050-192-am1 Utgave: 1.0 År: 2016**

*Amendment 1 - International Electrotechnical Vocabulary - Part 192: Dependability*

Språk: en/fr Utarbeidet av: IEC/TC1

**NEK IEC 60050-351-am1 Utgave: 4.0 År: 2016**

*Amendment 1 - International Electrotechnical Vocabulary - Part 351: Control technology*

Språk: en/fr Utarbeidet av: IEC/TC1

**NEK IEC 60050-395-am1 Utgave: 1.0 År: 2016**

*Amendment 1 - International Electrotechnical Vocabulary - Part 395: Nuclear instrumentation: Physical phenomena, basic concepts, instruments, systems, equipment and detectors*

Språk: en/fr Utarbeidet av: IEC/TC1

**NEK IEC 60050-482-am1 Utgave: 1.0 År: 2016**

*Amendment 1 - International Electrotechnical Vocabulary - Part 482: Primary and secondary cells and batteries*

Språk: en/fr Utarbeidet av: IEC/TC1

**NEK IEC 60050-702-am1 Utgave: 1.0 År: 2016**

*Amendment 1 - International Electrotechnical Vocabulary - Chapter 702: Oscillations, signals and related devices*

Språk: en/fr Utarbeidet av: IEC/TC1

**NEK IEC 60050-904-am2 Utgave: 1.0 År: 2016**

*Amendment 2 - International Electrotechnical Vocabulary - Part 904: Environmental standardization for electrical and electronic products and systems*

Språk: en/fr Utarbeidet av: IEC/TC1

**Fastsatte norske europasnormer**

**NEK EN 60601-1:2006/A1:2013/AC:2014**

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

Språk: en Utarbeidet av: CLC/TC62

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

**FprEN ISO/IEC/TS 17021-2**

*Conformity assessment - Requirements for bodies providing audit and certification of management systems - Part 2: Competence requirements for auditing and certification of environmental management systems (ISO/IEC/TS 17021-2:2012)*

Språk: en Utarbeidet av: CEN/CLC/TC1

Voteringsfrist: 2016-06-16

**FprEN ISO/IEC/TS 17021-3**

*Conformity assessment - Requirements for bodies providing audit and certification of management systems - Part 3: Competence requirements for auditing and certification of quality management systems (ISO/IEC/TS 17021-3:2013)*

Språk: en Utarbeidet av: CEN/CLC/TC1

Voteringsfrist: 2016-06-16

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

**NEK IEC 61882 Utgave: 2.0 År: 2016**

*Hazard and operability studies (HAZOP studies) - Application guide*

Språk: en/fr Utarbeidet av: IEC/TC56

Erstatter NEK IEC 61882 Utgave: 1.0 År: 2001

**Forslag til normer på høring - europeiske (CLC)****FprEN 50527-1:2016**

*Procedure for the assessment of the exposure to electromagnetic fields of workers bearing active implantable medical devices - Part 1: General*

Språk: en Utarbeidet av: CLC/TC106X/WG15

Voteringsfrist: 2016-05-20

**FprEN 50527-2-1:2016**

*Procedure for the assessment of the exposure to electromagnetic fields of workers bearing active implantable medical devices - Part 2-1: Specific assessment for workers with cardiac pacemakers*

Språk: en Utarbeidet av: CLC/TC106X/WG15

Voteringsfrist: 2016-05-20

**FprEN 80601-2-30:2016**

*Medical electrical equipment - Part 2-30: Particular requirements for the basic safety and essential performance of automated non-invasive sphygmomanometers*

Språk: en Utarbeidet av: CLC/TC62

Voteringsfrist: 2016-06-10

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon****NEK IEC 62563-1 Utgave: 1.1 År: 2016**

*Medical electrical equipment - Medical image display systems - Part 1: Evaluation methods*

Språk: en/fr Utarbeidet av: IEC/SC62B

**NEK IEC 62563-1-am1 Utgave: 1.0 År: 2016**

*Amendment 1 - Medical electrical equipment - Medical image display systems - Part 1: Evaluation methods*

Språk: en/fr Utarbeidet av: IEC/SC62B

**NEK IEC 80369-5 Utgave: 1.0 År: 2016**

*Small-bore connectors for liquids and gases in healthcare applications - Part 5: Connectors for limb cuff inflation applications*

Språk: en/fr Utarbeidet av: IEC/SC62D

**Rapporter fra IEC (IEC/TR og CISPR/TR)****NEK IEC/TR 61948-1 Utgave: 2.0 År: 2016**

*Nuclear medicine instrumentation - Routine tests - Part 1: Gamma radiation counting systems*

Språk: en Utarbeidet av: IEC/SC62C

Erstatter NEK IEC/TR 61948-1 Utgave: 1.0 År: 2001

**Fastsatte norske europasnormer****NEK EN 60601-2-33:2010/AC:2016-03**

*Medical electrical equipment - Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis*

Språk: en Utarbeidet av: CLC/TC62



**Forslag til normer på høring - europeiske (CLC)****CLC/FprTS 50131-12:2016**

*Alarm systems - Intrusion and hold-up systems - Part 12: Methods and requirements for setting and unsetting of Intruder Alarm Systems (IAS)*

Språk: en Utarbeidet av: CLC/TC79

Voteringsfrist: 2016-06-10

**CLC/FprTS 50131-2-9:2016**

*Alarm systems - Intrusion and hold-up systems - Part 2-9: Intrusion detectors - Active infrared beam detectors*

Språk: en Utarbeidet av: CLC/TC79

Voteringsfrist: 2016-06-17

**EN 60335-2-27:2013/FprA1:2016**

*Household and similar electrical appliances - Safety - Part 2-27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 2016-06-03

**FprEN 50582:2016**

*Procedure to assess the circuit integrity of optical fibres in a cable under resistance to fire testing*

Språk: en Utarbeidet av: CLC/TC86A

Voteringsfrist: 2016-05-13

**FprEN 60335-2-23:2016**

*Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 2016-04-22

**FprEN 60335-2-81:2016**

*Household and similar electrical appliances - Safety - Part 2-81: Particular requirements for foot warmers and heating mats*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 2016-06-17

**FprEN 60895:2016**

*Live working - Conductive clothing for use at nominal voltage up to 800 kV a.c. and  $\pm$  600 kV d.c.*

Språk: en Utarbeidet av: CLC/TC78

Voteringsfrist: 2016-05-20

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon****NEK IEC 60050-904-am2 Utgave: 1.0 År: 2016**

*Amendment 2 - International Electrotechnical Vocabulary - Part 904: Environmental standardization for electrical and electronic products and systems*

Språk: en/fr Utarbeidet av: IEC/TC1

**NEK IEC 61882 Utgave: 2.0 År: 2016**

*Hazard and operability studies (HAZOP studies) - Application guide*

Språk: en/fr Utarbeidet av: IEC/TC56

Erstatter NEK IEC 61882 Utgave: 1.0 År: 2001

**Fastsatte norske europanormer**

**NEK EN 45544-4:2016**

*Workplace atmospheres - Electrical apparatus used for the direct detection and direct concentration measurement of toxic gases and vapours - Part 4: Guide for selection, installation, use and maintenance*

Språk: en Utarbeidet av: CEN/CLC-JWG-CMI

Erstatter NEK EN 45544-4:1999

**NEK EN 50545-1:2011/A1:2016**

*Electrical apparatus for the detection and measurement of toxic and combustible gases in car parks and tunnels - Part 1: General performance requirements and test methods for the detection and measurement of carbon monoxide and nitrogen oxides*

Språk: en Utarbeidet av: CLC/TC216

**NEK EN 50553:2012/A1:2016**

*Railway applications - Requirements for running capability in case of fire on board of rolling stock*

Språk: en Utarbeidet av: CLC/TC9X

**NEK EN 60335-2-8:2015/A1:2016**

*Household and similar electrical appliances - Safety - Part 2-8: Particular requirements for shavers, hair clippers and similar appliances*

Språk: en Utarbeidet av: CLC/TC61

**NEK EN 60335-2-25:2012/A2:2016**

*Household and similar electrical appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens*

Språk: en Utarbeidet av: CLC/TC61

**NEK EN 62533:2016**

*Radiation protection instrumentation - Highly sensitive hand-held instruments for photon detection of radioactive material*

Språk: en Utarbeidet av: CLC/TC45B

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

**NEK IEC 61511-1 Utgave: 2.0 År: 2016**

*Functional safety - Safety instrumented systems for the process industry sector - Part 1: Framework, definitions, system, hardware and application programming requirements*

Språk: en/fr Utarbeidet av: IEC/SC65A

Erstatter NEK IEC 61511-1 Utgave: 1.0 År: 2003; NEK IEC 61511-1:2003/Cor.1 Utgave: 1.0 År: 2003

**Forslag til normer på høring - europeiske (CLC)****FprEN 60704-2-3:2016**

*Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-3: Particular requirements for dishwashers*

Språk: en Utarbeidet av: CLC/TC59X

Voteringsfrist: 2016-06-03

**FprEN 60704-2-13:2016**

*Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-13: Particular requirements for range hoods*

Språk: en Utarbeidet av: CLC/TC59X

Voteringsfrist: 2016-06-03

**FprEN 61340-5-1:2016**

*Electrostatics - Part 5-1: Protection of electronic devices from electrostatic phenomena - General requirements*

Språk: en Utarbeidet av: CLC/SR101

Voteringsfrist: 2016-04-15

**FprEN 62056-5-3:2016**

*Electricity metering data exchange - The DLMS/COSEM suite - Part 5-3: DLMS/COSEM application layer*

Språk: en Utarbeidet av: CLC/TC13

Voteringsfrist: 2016-05-20

**FprEN 62586-1:2016**

*Power quality measurement in power supply systems - Part 1: Power quality instruments (PQI)*

Språk: en Utarbeidet av: CLC/TC85X

Voteringsfrist: 2016-06-03

**FprEN 62586-2:2016**

*Power quality measurement in power supply systems - Part 2: Functional tests and uncertainty requirements*

Språk: en Utarbeidet av: CLC/TC85X

Voteringsfrist: 2016-05-20

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon****NEK IEC 60050-395-am1 Utgave: 1.0 År: 2016**

*Amendment 1 - International Electrotechnical Vocabulary - Part 395: Nuclear instrumentation: Physical phenomena, basic concepts, instruments, systems, equipment and detectors*

Språk: en/fr Utarbeidet av: IEC/TC1

**NEK IEC 61260-2 Utgave: 1.0 År: 2016**

*Electroacoustics - Octave-band and fractional-octave-band filters - Part 2: Pattern-evaluation tests*

Språk: en/fr Utarbeidet av: IEC/TC29

**NEK IEC 61260-3 Utgave: 1.0 År: 2016**

*Electroacoustics - Octave-band and fractional-octave-band filters - Part 3: Periodic tests*

Språk: en/fr Utarbeidet av: IEC/TC29

**NEK IEC 62056-5-3 Utgave: 2.0 År: 2016**

*Electricity metering data exchange - The DLMS/COSEM suite - Part 5-3: DLMS/COSEM application layer*

Språk: en/fr Utarbeidet av: IEC/TC13

Erstatter NEK IEC 62056-5-3 Utgave: 1.0 År: 2013

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

**NEK IEC 62631-3-1 Utgave: 1.0 År: 2016**

*Dielectric and resistive properties of solid insulating materials - Part 3-1: Determination of resistive properties (DC methods) - Volume resistance and volume resistivity - General method*

Språk: en/fr Utarbeidet av: IEC/TC112

**Fastsatte norske europasnormer**

**NEK EN 60270:2001/A1:2016**

*High-voltage test techniques - Partial discharge measurements*

Språk: en Utarbeidet av: CLC/SR42

**NEK EN 61251:2016**

*Electrical insulating materials and systems - A.C. voltage endurance evaluation*

Språk: en Utarbeidet av: CLC/SR112

**NEK EN 62631-3-2:2016**

*Dielectric and resistive properties of solid insulating materials - Part 3-2: Determination of resistive properties (DC Methods) - Surface resistance and surface resistivity*

Språk: en Utarbeidet av: CLC/SR112

**NEK EN 62631-3-3:2016**

*Dielectric and resistive properties of solid insulating materials - Part 3-3: Determination of resistive properties (DC Methods) - Insulation resistance*

Språk: en Utarbeidet av: CLC/SR112

Erstatter NEK HD 568 S1:1990

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

**NEK IEC 60050-192-am1 Utgave: 1.0 År: 2016**

*Amendment 1 - International Electrotechnical Vocabulary - Part 192: Dependability*

Språk: en/fr Utarbeidet av: IEC/TC1

**Forslag til normer på høring - europeiske (CLC)****FprEN 60519-12:2016**

*Safety in installations for electroheating and electromagnetic processing - Part 12: Particular requirements for infrared electroheating*

Språk: en Utarbeidet av: CLC/SR27

Voteringsfrist: 2016-06-10

**FprEN 61069-3:2016**

*Industrial-process measurement and control - Evaluation of system properties for the purpose of system assessment - Part 3: Assessment of system functionality*

Språk: en Utarbeidet av: CLC/TC65X

Voteringsfrist: 2016-04-22

**FprEN 61069-4:2016**

*Industrial-process measurement, control and automation - Evaluation of system properties for the purpose of system assessment - Part 4: Assessment of system performance*

Språk: en Utarbeidet av: CLC/TC65X

Voteringsfrist: 2016-04-22

**FprEN 61069-5:2016**

*Industrial-process measurement and control - Evaluation of system properties for the purpose of system assessment - Part 5: Assessment of system dependability*

Språk: en Utarbeidet av: CLC/TC65X

Voteringsfrist: 2016-04-29

**FprEN 61069-6:2016**

*Industrial-process measurement and control - Evaluation of system properties for the purpose of system assessment - Part 6: Assessment of system operability*

Språk: en Utarbeidet av: CLC/TC65X

Voteringsfrist: 2016-04-29

**FprEN 61069-7:2016**

*Industrial-process measurement, control and automation - Evaluation of system properties for the purpose of system assessment - part 7: Assessment of system safety*

Språk: en Utarbeidet av: CLC/TC65X

Voteringsfrist: 2016-04-29

**FprEN 61069-8:2016**

*Industrial-process measurement, control and automation - Evaluation of system properties for the purpose of system assessment - part 8: Assessment of other system properties*

Språk: en Utarbeidet av: CLC/TC65X

Voteringsfrist: 2016-04-29

**FprEN 61326-3-1:2016**

*Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 3-1: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) - General industrial applications*

Språk: en Utarbeidet av: CLC/TC65X

Voteringsfrist: 2016-05-20

**FprEN 61326-3-2:2016**

*Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 3-2: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) - Industrial applications with specified electromagnetic environment*

Språk: en Utarbeidet av: CLC/TC65X

Voteringsfrist: 2016-05-20

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon****NEK IEC 60050-351-am1 Utgave: 4.0 År: 2016**

*Amendment 1 - International Electrotechnical Vocabulary - Part 351: Control technology*

Språk: en/fr Utarbeidet av: IEC/TC1

**NEK IEC 61987-12 Utgave: 1.0 År: 2016**

*Industrial-process measurement and control - Data structures and elements in process equipment catalogues - Part 12: Lists of properties (LOPs) for flow measuring equipment for electronic data exchange*

Språk: en/fr Utarbeidet av: IEC/SC65E

**NEK IEC 61987-13 Utgave: 1.0 År: 2016**

*Industrial-process measurement and control - Data structures and elements in process equipment catalogues - Part 13: Lists of properties (LOP) for pressure measuring equipment for electronic data exchange*

Språk: en/fr Utarbeidet av: IEC/SC65E

**NEK IEC 62439-1 Utgave: 1.2 År: 2016**

*Industrial communication networks - High availability automation networks - Part 1: General concepts and calculation methods*

Språk: en/fr Utarbeidet av: IEC/SC65C

**NEK IEC 62439-1-am2 Utgave: 1.0 År: 2016**

*Amendment 2 - Industrial communication networks - High availability automation networks - Part 1: General concepts and calculation methods*

Språk: en/fr Utarbeidet av: IEC/SC65C

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon****NEK IEC 61511-1 Utgave: 2.0 År: 2016**

*Functional safety - Safety instrumented systems for the process industry sector - Part 1: Framework, definitions, system, hardware and application programming requirements*

Språk: en/fr Utarbeidet av: IEC/SC65A

Erstatter NEK IEC 61511-1 Utgave: 1.0 År: 2003; NEK IEC 61511-1:2003/Cor.1 Utgave: 1.0 År: 2003

**Forslag til normer på høring - europeiske (CLC)****FprEN 60965:2016***Nuclear power plants - Control rooms - Supplementary control room for reactor shutdown without access to the main control room*

Språk: en Utarbeidet av: CLC/TC45AX

Voteringsfrist: 2016-06-03

**FprEN 61724-1:2016***Photovoltaic system performance - Part 1: Monitoring*

Språk: en Utarbeidet av: CLC/TC82

Voteringsfrist: 2016-06-10

**FprEN 62256:2016***Hydraulic turbines, storage pumps and pump-turbines - Rehabilitation and performance improvement*

Språk: en Utarbeidet av: CLC/SR4

Voteringsfrist: 2016-05-20

**FprEN 62282-3-201:2016***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: 2016-06-10

**FprEN 62808:2016***Nuclear power plants - Instrumentation and control systems important to safety - Design and qualification of isolation devices*

Språk: en Utarbeidet av: CLC/TC45AX

Voteringsfrist: 2016-06-03

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon****NEK IEC 60050-395-am1 Utgave: 1.0 År: 2016***Amendment 1 - International Electrotechnical Vocabulary - Part 395: Nuclear instrumentation: Physical phenomena, basic concepts, instruments, systems, equipment and detectors*

Språk: en/fr Utarbeidet av: IEC/TC1

**NEK IEC 61215-1 Utgave: 1.0 År: 2016***Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1: Test requirements*

Språk: en/fr Utarbeidet av: IEC/TC82

**NEK IEC 61215-2 Utgave: 1.0 År: 2016***Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 2: Test procedures*

Språk: en/fr Utarbeidet av: IEC/TC82

**NEK IEC 61215-1-1 Utgave: 1.0 År: 2016***Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-1: Special requirements for testing of crystalline silicon photovoltaic (PV) modules*

Språk: en/fr Utarbeidet av: IEC/TC82

**NEK IEC/IEEE 62582-2 Utgave: 1.1 År: 2016***Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 2: Indenter modulus*

Språk: en/fr Utarbeidet av: IEC/SC45A

**NEK IEC/IEEE 62582-2-am1 Utgave: 1.0 År: 2016***Amendment 1 - Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 2: Indenter modulus*

Språk: en/fr Utarbeidet av: IEC/SC45A



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

**NEK IEC/TS 62782 Utgave: 1.0 År: 2016**

*Photovoltaic (PV) modules - Cyclic (dynamic) mechanical load testing*

Språk: en Utarbeidet av: IEC/TC82

**Fastsatte norske europaanormer**

**NEK EN 61227:2016**

*Nuclear power plants - Control rooms - Operator controls*

Språk: en Utarbeidet av: CLC/TC45AX

**NEK EN 61829:2016**

*Photovoltaic (PV) array - On-site measurement of current-voltage characteristics*

Språk: en Utarbeidet av: CLC/TC82

Erstatter NEK EN 61829:1998

**NEK EN 62282-3-200:2016**

*Fuel cell technologies - Part 3-200: Stationary fuel cell power systems - Performance test methods*

Språk: en Utarbeidet av: CLC/SR105

Erstatter NEK EN 62282-3-200:2012

**NEK EN ISO/IEC 13273-1:2016**

*Energy efficiency and renewable energy sources - Common international terminology - Part 1: Energy efficiency (ISO/IEC 13273-1:2015)*

Språk: en Utarbeidet av: CEN/SS/F23

Erstatter CEN/CLC/TR 16103:2010

**NEK EN ISO/IEC 13273-2:2016**

*Energy efficiency and renewable energy sources - Common international terminology - Part 2: Renewable energy sources (ISO/IEC 13273-2:2015)*

Språk: en Utarbeidet av: CEN/SS/F23

**Forslag til normer på høring - europeiske (CLC)****EN 60061-1:1993/FprA54:2016**

*Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamp caps*

Språk: en Utarbeidet av: CLC/TC34Z

Voteringsfrist: 2016-04-29

**EN 60061-2:1993/FprA51:2016**

*Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 2: Lampholders*

Språk: en Utarbeidet av: CLC/TC34Z

Voteringsfrist: 2016-04-29

**EN 60061-3:1993/FprA52:2016**

*Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 3: Gauges*

Språk: en Utarbeidet av: CLC/TC34Z

Voteringsfrist: 2016-04-29

**EN 60598-2-13:2006/FprA2:2016**

*Luminaires - Part 2-13: Particular requirements - Ground recessed luminaires*

Språk: en Utarbeidet av: CLC/TC34Z

Voteringsfrist: 2016-04-01

**EN 60810:2015/FprA1:2016**

*Lamps for road vehicles - Performance requirements*

Språk: en Utarbeidet av: CLC/TC34A

Voteringsfrist: 2016-06-10

**EN 61347-2-13:2014/FprA1:2016**

*Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules*

Språk: en Utarbeidet av: CLC/TC34Z

Voteringsfrist: 2016-04-29

**EN 61995-1:2008/FprA1:2016**

*Devices for the connection of luminaires for household and similar purposes – Part 1: General requirements*

Språk: en Utarbeidet av: CLC/TC23BX

Voteringsfrist: 2016-04-15

**EN 61995-2:2009/FprA1:2016**

*Devices for the connection of luminaires for household and similar purposes - Part 2: Standard sheets for DCL*

Språk: en Utarbeidet av: CLC/TC23BX

Voteringsfrist: 2016-04-01

**FprEN 50604-1:2016**

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

Språk: en Utarbeidet av: CLC/TC21X

Voteringsfrist: 2016-05-20

**FprEN 50620:2016**

*Electric cables - Charging cables for electric vehicles*

Språk: en Utarbeidet av: CLC/TC20

Voteringsfrist: 2016-05-13

**FprEN 60077-1:2016**

*Railway applications - Electric equipment for rolling stock - Part 1: General service conditions and general rules*

Språk: en Utarbeidet av: CLC/SC9XB

Voteringsfrist: 2016-06-03

**Forslag til normer på høring - europeiske (CLC)****FprEN 60086-3:2016***Primary batteries - Part 3: Watch batteries*

Språk: en Utarbeidet av: CLC/SR35

Voteringsfrist: 2016-04-15

**FprEN 60086-5:2016***Primary batteries - Part 5: Safety of batteries with aqueous electrolyte*

Språk: en Utarbeidet av: CLC/SR35

Voteringsfrist: 2016-04-15

**FprEN 60205:2016***Calculation of the effective parameters of magnetic piece parts*

Språk: en Utarbeidet av: CLC/SR51

Voteringsfrist: 2016-06-03

**FprEN 60230:2016***Impulse tests on cables and their accessories*

Språk: en Utarbeidet av: CLC/TC20

Voteringsfrist: 2016-05-20

**FprEN 60335-2-29:2016***Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 2016-04-29

**FprEN 60400:2016***Lampholders for tubular fluorescent lamps and starterholders*

Språk: en Utarbeidet av: CLC/TC34Z

Voteringsfrist: 2016-06-10

**FprEN 60898-2:2016***Circuit-breakers for overcurrent protection for household and similar installations - Part 2: Circuit-breakers for a.c. and d.c. operation*

Språk: en Utarbeidet av: CLC/TC23E

Voteringsfrist: 2016-04-01

**FprEN 61058-1:2016***Switches for appliances - Part 1: General requirements*

Språk: en Utarbeidet av: CLC/SR23J

Voteringsfrist: 2016-04-29

**FprEN 61184:2016***Bayonet lampholders*

Språk: en Utarbeidet av: CLC/TC34Z

Voteringsfrist: 2016-06-10

**FprEN 61332:2016***Soft ferrite material classification*

Språk: en Utarbeidet av: CLC/SR51

Voteringsfrist: 2016-06-03

**FprEN 61439-1:2016***Low-voltage switchgear and controlgear assemblies - Part 1: General rules*

Språk: en Utarbeidet av: CLC/SR121B

Voteringsfrist: 2016-05-27

**Forslag til normer på høring - europeiske (CLC)****FprEN 61439-2:2016**

*Low-voltage switchgear and controlgear assemblies - Part 2: Power switchgear and controlgear assemblies*

Språk: en Utarbeidet av: CLC/SR121B

Voteringsfrist: 2016-05-27

**FprEN 61466-1:2016**

*Composite string insulator units for overhead lines with a nominal voltage greater than 1000 V - Part 1: Standard strength classes and end fittings*

Språk: en Utarbeidet av: CLC/SR36

Voteringsfrist: 2016-04-22

**FprHD 603 S2:2016**

*Distribution cables of rated voltage 0,6/1 kV*

Språk: en Utarbeidet av: CLC/TC20

Voteringsfrist: 2016-05-13

**FprHD 632 S3:2016**

*Power cables with extruded insulation and their accessories for rated voltages above 36 kV ( $U_m = 42$  kV) up to 150 kV ( $U_m = 170$  kV)*

Språk: en Utarbeidet av: CLC/TC20

Voteringsfrist: 2016-05-13

**FprHD 60364-4-46:2016**

*Low-voltage electrical installations - Part 4-46: Protection for safety - Isolation and switching*

Språk: en Utarbeidet av: CLC/TC64/WG7

Voteringsfrist: 2016-05-20

**FprHD 60364-5-537:2016**

*Low voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Devices for protection, isolation, switching, control and monitoring - Clause 537: Isolation and switching*

Språk: en Utarbeidet av: CLC/TC64

Voteringsfrist: 2016-05-20

**prEN 50290-2-29:2016**

*Communication cables - Part 2-29: Common design rules and construction - Crosslinked polyethylene insulation compounds: instrumentation, control and field bus cables*

Språk: en Utarbeidet av: CLC/TC46X

Voteringsfrist: 2016-06-10

**prEN 50290-2-34:2016**

*Communication cables - Part 2-34: Common design rules and construction - Polyethylene sheathing compound for outdoor optical fibre cables*

Språk: en Utarbeidet av: CLC/TC46X

Voteringsfrist: 2016-06-10

**prEN 50290-2-35:2016**

*Communication cables - Part 2-35: Common design rules and construction - Polyamide sheathing compound*

Språk: en Utarbeidet av: CLC/TC46X

Voteringsfrist: 2016-06-10

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon****NEK IEC 60050-192-am1 Utgave: 1.0 År: 2016**

*Amendment 1 - International Electrotechnical Vocabulary - Part 192: Dependability*

Språk: en/fr Utarbeidet av: IEC/TC1

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon****NEK IEC 60050-482-am1 Utgave: 1.0 År: 2016**

*Amendment 1 - International Electrotechnical Vocabulary - Part 482: Primary and secondary cells and batteries*

Språk: en/fr Utarbeidet av: IEC/TC1

**NEK IEC 60050-702-am1 Utgave: 1.0 År: 2016**

*Amendment 1 - International Electrotechnical Vocabulary - Chapter 702: Oscillations, signals and related devices*

Språk: en/fr Utarbeidet av: IEC/TC1

**NEK IEC 60076-10 Utgave: 2.0 År: 2016**

*Power transformers - Part 10: Determination of sound levels*

Språk: en/fr Utarbeidet av: IEC/TC14

Erstatter NEK IEC 60076-10 Utgave: 1.0 År: 2001

**NEK IEC 60076-10-1 Utgave: 2.0 År: 2016**

*Power transformers - Part 10-1: Determination of sound levels - Application guide*

Språk: en/fr Utarbeidet av: IEC/TC14

Erstatter NEK IEC 60076-10-1 Utgave: 1.0 År: 2005

**NEK IEC 60670-23 Utgave: 1.1 År: 2016**

*Boxes and enclosures for electrical accessories for household and similar fixed electrical installations - Part 23: Particular requirements for floor boxes and enclosures*

Språk: en/fr Utarbeidet av: IEC/SC23B

**NEK IEC 60670-23-am1 Utgave: 1.0 År: 2016**

*Amendment 1 - Boxes and enclosures for electrical accessories for household and similar fixed electrical installations - Part 23: Particular requirements for floor boxes and enclosures*

Språk: en/fr Utarbeidet av: IEC/SC23B

**NEK IEC 60947-5-5 Utgave: 1.2 År: 2016**

*Low-voltage switchgear and controlgear - Part 5-5: Control circuit devices and switching elements - Electrical emergency stop device with mechanical latching function*

Språk: en/fr Utarbeidet av: IEC/SC121A

**NEK IEC 60947-5-5-am2 Utgave: 1.0 År: 2016**

*Amendment 2 - Low-voltage switchgear and controlgear - Part 5-5: Control circuit devices and switching elements - Electrical emergency stop device with mechanical latching function*

Språk: en/fr Utarbeidet av: IEC/SC121A

**NEK IEC 62631-3-1 Utgave: 1.0 År: 2016**

*Dielectric and resistive properties of solid insulating materials - Part 3-1: Determination of resistive properties (DC methods) - Volume resistance and volume resistivity - General method*

Språk: en/fr Utarbeidet av: IEC/TC112

**NEK IEC 62752 Utgave: 1.0 År: 2016**

*In-cable control and protection device for mode 2 charging of electric road vehicles (IC-CPD)*

Språk: en/fr Utarbeidet av: IEC/SC23E

**NEK IEC 62899-201 Utgave: 1.0 År: 2016**

*Printed electronics - Part 201: Materials - Substrates*

Språk: en Utarbeidet av: IEC/TC119

**Rapporter fra CLC****NEK CLC/TR 50656:2016**

*SPD application in conjunction with Class II equipment*

Språk: en Utarbeidet av: CLC/TC37A

**NEK CLC/TS 61643-22:2016**

*Low-voltage surge protective devices - Part 22: Surge protective devices connected to telecommunications and signalling networks - Selection and application principles*

Språk: en Utarbeidet av: CLC/TC37A

Erstatter NEK CLC/TS 61643-22:2006

**Rapporter fra IEC (IEC/TR og CISPR/TR)****NEK IEC/TR 60919-3 Utgave: 2.1 År: 2016**

*Performance of high-voltage direct current (HVDC) systems with line-commutated converters - Part 3: Dynamic conditions*

Språk: en Utarbeidet av: IEC/SC22F

**NEK IEC/TR 60919-3-am1 Utgave: 2.0 År: 2016**

*Amendment 1 - Performance of high-voltage direct current (HVDC) systems with line-commutated converters - Part 3: Dynamic conditions*

Språk: en Utarbeidet av: IEC/SC22F

**Fastsatte norske europainormer****NEK EN 50341-2-22:2016**

*Overhead electrical lines exceeding AC 1 kV - Part 2-22: National Normative Aspects (NNA) for Poland (based on EN 50341-1:2012)*

Språk: en Utarbeidet av: CLC/TC11

**NEK EN 50575:2014/A1:2016**

*Power, control and communication cables - Cables for general applications in construction works subject to reaction to fire requirements*

Språk: en Utarbeidet av: CLC/TC20

**NEK EN 60086-2:2016**

*Primary batteries - Part 2: Physical and electrical specifications*

Språk: en Utarbeidet av: CLC/SR35

Erstatter NEK EN 60086-2:2011

**NEK EN 60401-3:2016**

Termer og nomenklatur for kjerner laget av magnetisk myke ferritter - Del 3: Veiledning for hvordan formatet til data opptrer i fabrikantens kataloger over transformator- og induktor-kjerner

*Terms and nomenclature for cores made of magnetically soft ferrites - Part 3: Guidelines on the format of data appearing in manufacturers catalogues of transformer and inductor cores*

Språk: en Utarbeidet av: CLC/SR51

Erstatter NEK EN 60401-3:2003

**NEK EN 60424-1:2016**

Ferritt-kjerner - Veiledning for grenser for overflate-uregelmessigheter - Del 1: Generell spesifisering

*Ferrite cores - Guidelines on the limits of surface irregularities - Part 1: General specification*

Språk: en Utarbeidet av: CLC/SR51

Erstatter NEK EN 60424-1:1999

**Fastsatte norske europandarder****NEK EN 60424-2:2016**

Ferritt-kjerner - Veiledning for grenser for overflate-uregelmessigheter - Del 2: RM-kjerner

*Ferrite cores - Guidelines on the limits of surface irregularities - Part 2: RM-cores*

Språk: en Utarbeidet av: CLC/SR51

Erstatter NEK EN 60424-2:1997

**NEK EN 60424-4:2016**

Ferritt-kjerner - Veiledning for grenser for overflate-uregelmessigheter - Del 4: Ring kjerner

*Ferrite cores - Guidelines on the limits of surface irregularities - Part 4: Ring-cores*

Språk: en Utarbeidet av: CLC/SR51

Erstatter NEK EN 60424-4:2001

**NEK EN 60929:2011/A1:2016**

*AC and/or DC-supplied electronic control gear for tubular fluorescent lamps - Performance requirements*

Språk: en Utarbeidet av: CLC/TC34Z

**NEK EN 62317-6:2016**

Ferrittkjerner - Dimensjoner - Del 6: ETD-kjerner for bruk i strømforsyninger

*Ferrite cores - Dimensions - Part 6: ETD-cores for use in power supplies*

Språk: en Utarbeidet av: CLC/SR51

Erstatter NEK EN 61185:2005

**NEK EN 62317-11:2016**

*Ferrite cores - Dimensions - Part 11: EC-cores for use in power supply applications*

Språk: en Utarbeidet av: CLC/SR51

**NEK EN 62722-1:2016**

*Luminaire performance - Part 1: General Requirements*

Språk: en Utarbeidet av: CLC/TC34Z

**NEK EN 62722-2-1:2016**

Lysarmaturers yteevne - Del 2-1: Spesielle krav til LED armaturer

*Luminaire performance - Part 2-1: Particular requirements for LED luminaires*

Språk: en Utarbeidet av: CLC/TC34Z

**Forslag til normer på høring - europeiske (CLC)****EN 62146-1:2014/FprA1:2016**

*Grading capacitors for high-voltage alternating current circuit-breakers - Part 1: General*

Språk: en Utarbeidet av: CLC/SR33

Voteringsfrist: 2016-04-08

**FprEN 60384-18:2016**

*Fixed capacitors for use in electronic equipment - Part 18: Sectional specification - Fixed aluminium electrolytic surface mount capacitors with solid (MnO<sub>2</sub>) and non-solid electrolyte*

Språk: en Utarbeidet av: CLC/TC40XA

Voteringsfrist: 2016-04-29

**FprEN 60758:2016**

*Synthetic Quartz Crystal - Specifications and guidelines for use*

Språk: en Utarbeidet av: CLC/SR49

Voteringsfrist: 2016-04-15

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon****NEK IEC 60050-702-am1 Utgave: 1.0 År: 2016**

*Amendment 1 - International Electrotechnical Vocabulary - Chapter 702: Oscillations, signals and related devices*

Språk: en/fr Utarbeidet av: IEC/TC1

**NEK IEC 61747-20-3 Utgave: 1.0 År: 2016**

*Liquid crystal display devices - Part 20-3: Visual inspection - Active matrix colour liquid crystal display modules*

Språk: en Utarbeidet av: IEC/TC110

Erstatter NEK IEC 61747-5-2 Utgave: 1.0 År: 2011

**NEK IEC 62899-201 Utgave: 1.0 År: 2016**

*Printed electronics - Part 201: Materials - Substrates*

Språk: en Utarbeidet av: IEC/TC119

**NEK IEC 62899-202 Utgave: 1.0 År: 2016**

*Printed electronics - Part 202: Materials - Conductive ink*

Språk: en Utarbeidet av: IEC/TC119

**Fastsatte norske europasnormer****NEK EN 61076-4-116:2012/A1:2016**

*Connectors for electronic equipment - Product requirements - Part 4-116: Printed board connectors - Detail specification for a high-speed two-part connector with integrated shielding function*

Språk: en Utarbeidet av: CLC/SR48B

**NEK EN 62132-1:2016**

*Integrerte kretser - Måling av elektromagnetisk immunitet - Del 1: Generelle vilkår og definisjoner*

*Integrated circuits - Measurement of electromagnetic immunity - Part 1: General conditions and definitions*

Språk: en Utarbeidet av: CLC/SR47A

Erstatter NEK EN 62132-1:2006; NEK EN 62132-1:2006/Cor.



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

**FprEN 61300-2-52:2016**

*Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-52: Tests - Bending test for cords*

Språk: en Utarbeidet av: CLC/TC86BXA

Voteringsfrist: 2016-06-03

**prEN 50289-4-16:2016**

*Communication cables - Specifications for test methods - Part 4-16: Environmental test methods - Circuit integrity under fire conditions*

Språk: en Utarbeidet av: CLC/TC46X

Voteringsfrist: 2016-06-10

**prEN 50290-2-20:2016**

*Communication cables - Part 2-20: Common design rules and construction - General*

Språk: en Utarbeidet av: CLC/TC46X

Voteringsfrist: 2016-06-10

**prEN 50290-2-36:2016**

*Communication cables - Part 2-36: Common design rules and construction - Crosslinked Silicone rubber insulation compound*

Språk: en Utarbeidet av: CLC/TC46X

Voteringsfrist: 2016-06-10

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

**NEK IEC 60728-11 Utgave: 4.0 År: 2016**

*Cable networks for television signals, sound signals and interactive services - Part 11: Safety*

Språk: en/fr Utarbeidet av: IEC/TC100

Erstatter NEK IEC 60728-11 Utgave: 3.0 År: 2010

**NEK IEC 60958-4-1 Utgave: 1.0 År: 2016**

*Digital audio interface - Part 4-1: Professional applications - Audio content*

Språk: en/fr Utarbeidet av: IEC/TC100

**NEK IEC 60958-4-2 Utgave: 1.0 År: 2016**

*Digital audio interface - Part 4-2: Professional applications - Metadata and subcode*

Språk: en/fr Utarbeidet av: IEC/TC100

**NEK IEC 60958-4-4 Utgave: 1.0 År: 2016**

*Digital audio interface - Part 4-4: Professional applications - Physical and electrical parameters*

Språk: en/fr Utarbeidet av: IEC/TC100

**NEK IEC 61196-1-209 Utgave: 1.0 År: 2016**

*Coaxial communication cables - Part 1-209: Environmental test methods - Thermal cycling*

Språk: en Utarbeidet av: IEC/SC46A

**NEK IEC 61196-1-215 Utgave: 1.0 År: 2016**

*Coaxial communication cables - Part 1-215: Environmental test methods - High temperature cable ageing*

Språk: en Utarbeidet av: IEC/SC46A

**NEK IEC 61757-1-1 Utgave: 1.0 År: 2016**

*Fibre optic sensors - Part 1-1: Strain measurement - Strain sensors based on fibre Bragg gratings*

Språk: en Utarbeidet av: IEC/SC86C

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

**NEK IEC 62343-4-1 Utgave: 1.0 År: 2016**

*Dynamic modules - Part 4-1: Software and hardware interface - 1 x 9 wavelength selective switch*

Språk: en Utarbeidet av: IEC/SC86C

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

**NEK IEC/TR 61282-9 Utgave: 2.0 År: 2016**

*Fibre optic communication system design guides - Part 9: Guidance on polarization mode dispersion measurements and theory*

Språk: en Utarbeidet av: IEC/SC86C

Erstatter NEK IEC/TR 61282-9 Utgave: 1.0 År: 2006

**NEK IEC/TR 61850-90-2 Utgave: 1.0 År: 2016**

*Communication networks and systems for power utility automation - Part 90-2: Using IEC 61850 for communication between substations and control centres*

Språk: en Utarbeidet av: IEC/TC57

**NEK IEC/TR 62901 Utgave: 1.0 År: 2016**

*Guide for the selection of drop cables*

Språk: en Utarbeidet av: IEC/SC86A

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

**NEK IEC/TS 61850-80-4 Utgave: 1.0 År: 2016**

*Communication networks and systems for power utility automation - Part 80-4: Translation from the COSEM object model (IEC 62056) to the IEC 61850 data model*

Språk: en Utarbeidet av: IEC/TC57

**Fastsatte norske europainormer**

**NEK EN 60793-1-20:2014/AC:2016-03**

*Optical fibres - Part 1-20: Measurement methods and test procedures - Fibre geometry*

Språk: en Utarbeidet av: CLC/TC86A

**NEK EN 60870-5-101:2003/A1:2016**

*Telecontrol equipment and systems - Part 5-101: Transmission protocols - Companion standard for basic telecontrol tasks*

Språk: en Utarbeidet av: CLC/TC/57

**NEK EN 61000-4-13:2002/A2:2016**

*Electromagnetic compatibility (EMC) - Part 4-13: Testing and measurement techniques - Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests*

Språk: en Utarbeidet av: CLC/TC210

**NEK EN 61000-4-16:2016**

Elektromagnetisk kompatibilitet (EMC) - Del 4-16: Prøving og måleteknikk - Immunitetsprøve for ledningsbundet fellesmodusforstyrrelser i frekvensområdet 0 Hz til 150 kHz

*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*

Språk: en Utarbeidet av: CLC/TC210

Erstatter NEK EN 61000-4-16:1998/A1:2004; NEK EN 61000-4-16:1998; NEK EN 61000-4-16:1998/A2:2011

**Fastsatte norske europaanormer**

**NEK EN 61754-6-100:2016**

Fiberoptisk sammenkoblingsutstyr og passive komponenter - Fiberoptiske konnektorgrensesnitt - Del 6-100: Type MU konnektorfamilie - Forenklede grensesnittkontakter med MU-PC konnektorer

*Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 6-100: Type MU connector family - Simplified receptacle MU-PC connector interfaces*

Språk: en Utarbeidet av: CLC/TC86BXA

Erstatter NEK EN 61754-6-1:2003

**NEK EN 61755-3-32:2016**

*Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 3-32: Connector parameters of non-dispersion shifted single mode physically contacting fibres - Angled thermoset epoxy rectangular ferrules*

Språk: en Utarbeidet av: CLC/TC86BXA

**NEK EN 62153-4-7:2016**

*Metallic communication cable test methods - Part 4-7: Electromagnetic compatibility (EMC) - Test method for measuring of transfer impedance Z<sub>T</sub> and screening attenuation as or coupling attenuation ac of connectors and assemblies up to and above 3 GHz - Triaxial tube in tube method*

Språk: en Utarbeidet av: CLC/SC46XA

Erstatter NEK EN 62153-4-7:2006

**NEK EN 62665:2016**

*Multimedia systems and equipment - Multimedia e-publishing and e-books technologies - Texture map for auditory presentation of printed texts*

Språk: en Utarbeidet av: CLC/TC100X

Erstatter NEK EN 62665:2012

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

**FprEN 61069-2:2016**

*Industrial-process measurement and control - Evaluation of system properties for the purpose of system assessment - Part 2: Assessment methodology*

Språk: en Utarbeidet av: CLC/TC65X

Voteringsfrist: 2016-04-22

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

**NEK IEC 61987-12 Utgave: 1.0 År: 2016**

*Industrial-process measurement and control - Data structures and elements in process equipment catalogues - Part 12: Lists of properties (LOPs) for flow measuring equipment for electronic data exchange*

Språk: en/fr Utarbeidet av: IEC/SC65E

**NEK IEC 61987-13 Utgave: 1.0 År: 2016**

*Industrial-process measurement and control - Data structures and elements in process equipment catalogues - Part 13: Lists of properties (LOP) for pressure measuring equipment for electronic data exchange*

Språk: en/fr Utarbeidet av: IEC/SC65E

**NEK IEC 62056-5-3 Utgave: 2.0 År: 2016**

*Electricity metering data exchange - The DLMS/COSEM suite - Part 5-3: DLMS/COSEM application layer*

Språk: en/fr Utarbeidet av: IEC/TC13

Erstatter NEK IEC 62056-5-3 Utgave: 1.0 År: 2013

**NEK IEC 62439-1 Utgave: 1.2 År: 2016**

*Industrial communication networks - High availability automation networks - Part 1: General concepts and calculation methods*

Språk: en/fr Utarbeidet av: IEC/SC65C

**NEK IEC 62439-1-am2 Utgave: 1.0 År: 2016**

*Amendment 2 - Industrial communication networks - High availability automation networks - Part 1: General concepts and calculation methods*

Språk: en/fr Utarbeidet av: IEC/SC65C

**Fastsatte norske europasnormer**

**NEK EN 50600-2-5:2016**

*Information technology - Data centre facilities and infrastructures - Part 2-5: Security systems*

Språk: en Utarbeidet av: CLC/TC215

**NEK EN 50600-3-1:2016**

*Information technology - Data centre facilities and infrastructures - Part 3-1: Management and operational information*

Språk: en Utarbeidet av: CLC/TC215

**Fastsatte norske europasnormer**

**NEK EN 50436-1:2014/AC:2016-03**

*Alcohol interlocks - Test methods and performance requirements - Part 1: Instruments for drink-driving-offender programs*

Språk: fr Utarbeidet av: CLC/BTTF116-2

**Fastsatte norske harmoniseringsnormer**

**NEK HD 60364-7-722:2016**

*Low-voltage electrical installations - Part 7-722: Requirements for special installations or locations - Supplies for electric vehicles*

Språk: en Utarbeidet av: CLC/TC64/WG27

Erstatter NEK HD 60364-7-722:2012

**Forslag til normer på høring - europeiske (CLC)****FprEN 60077-2:2016**

*Railway applications - Electric equipment for rolling stock - Part 2: Electrotechnical components - General rules*

Språk: en Utarbeidet av: CLC/SC9XB

Voteringsfrist: 2016-06-03

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon****NEK IEC 61133 Utgave: 3.0 År: 2016**

*Railway applications - Rolling stock - Testing of rolling stock on completion of construction and before entry into service*

Språk: en/fr Utarbeidet av: IEC/TC9

Erstatter NEK IEC 61133 Utgave: 2.0 År: 2006

**NEK IEC 62718/Cor1 Utgave: 1.0 År: 2016**

*Corrigendum 1 - Railway applications - Rolling stock - DC supplied electronic ballasts for lighting fluorescent lamps*

Språk: en/fr Utarbeidet av: IEC/TC9

**NEK IEC 62847 Utgave: 1.0 År: 2016**

*Railway applications - Rolling stock - Electrical connectors - Requirements and test methods*

Språk: en/fr Utarbeidet av: IEC/TC9

**Fastsatte norske europasnormer****NEK EN 62621:2016**

Jernbaneapplikasjoner - Faste installasjoner - Elektrisk drift - Spesielle krav til sammensatte isolatorer som brukes til kjøreledningssystemer

*Railway applications - Fixed installations - Electric traction - Specific requirements for composite insulators used for overhead contact line systems*

Språk: en Utarbeidet av: CLC/SC9XC

Erstatter NEK EN 50151:2003

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

**FprEN 60335-2-87:2016**

*Household and similar electrical appliances - Safety - Part 2-87: Particular requirements for electrical animal-stunning equipment*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 2016-04-22

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

**NEK IEC 62899-202 Utgave: 1.0 År: 2016**

*Printed electronics - Part 202: Materials - Conductive ink*

Språk: en Utarbeidet av: IEC/TC119



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

**EN 60335-2-84:2003/FprA2:2016**

*Household and similar electrical appliances - Safety - Part 2-84: Particular requirements for toilets*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 2016-04-29

**FprHD 60364-6:2016**

*Low-voltage electrical installations - Part 6: Verification*

Språk: en Utarbeidet av: CLC/TC64/WG12

Voteringsfrist: 2016-04-01

**FprHD 60364-6:2016/FprAA:2016**

*Low-voltage electrical installations - Part 6: Verification*

Språk: en Utarbeidet av: CLC/TC64/WG12

Voteringsfrist: 2016-04-01

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

**NEK IEC 62056-5-3 Utgave: 2.0 År: 2016**

*Electricity metering data exchange - The DLMS/COSEM suite - Part 5-3: DLMS/COSEM application layer*

Språk: en/fr Utarbeidet av: IEC/TC13

Erstatter NEK IEC 62056-5-3 Utgave: 1.0 År: 2013

**Fastsatte norske harmoniseringsnormer**

**NEK HD 60364-5-557:2013/A11:2016**

*Low-voltage electrical installations - Part 5-557: Selection and erection of electrical equipment - Auxiliary circuits*

Språk: en Utarbeidet av: CLC/TC64

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

**CLC/FprTR 50417:2016**

*Safety of household and similar electrical appliances - Interpretations related to European Standards in the EN 60335 series*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 2016-05-20

**FprEN 60335-2-79:2016**

*Household and similar electrical appliances - Safety - Part 2-79: Particular requirements for high pressure cleaners and steam cleaners*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 2016-04-29

**Fastsatte norske europanormer**

**NEK EN 60335-2-37:2002/A12:2016**

*Household and similar electrical appliances - Safety - Part 2-37: Particular requirements for commercial electric deep fat fryers*

Språk: en Utarbeidet av: CLC/TC61

**NEK EN 60335-2-64:2000/Cor:2002**

Sikkerhetskrav til elektriske husholdningsapparater -- Del 2: Spesielle sikkerhetskrav til kjøkkenmaskiner for storkjøkken

*Safety of household and similar electrical appliances -- Part 2-64: Particular requirements for commercial electric kitchen machines*

Språk: en/de Utarbeidet av: CLC/TC61

**NEK EN 60730-2-6:2016**

*Automatic electrical controls - Part 2-6: Particular requirements for automatic electrical pressure sensing controls including mechanical requirements*

Språk: en Utarbeidet av: CLC/TC72

Erstatter NEK EN 60730-2-6:2008