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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 6300:2016**

*Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances*

Språk: en Utarbeidet av: CLC/TC111X

Voteringsfrist: 2016-06-24

**FprEN 60309-5:2016**

*Plugs, socket-outlets and couplers for industrial purposes - Part 5: Dimensional compatibility and interchangeability requirements for plugs, socket-outlets, ship connectors and ship inlets for low-voltage shore connection systems (LVSC)*

Språk: en Utarbeidet av: CLC/TC23H

Voteringsfrist: 2016-07-01

**FprEN 60749-28:2016**

*Semiconductor devices - Mechanical and climatic test methods - Part 28: Electrostatic discharge (ESD) sensitivity testing - Charged device model (CDM) - device level*

Språk: en Utarbeidet av: CLC/SR47

Voteringsfrist: 2016-06-17

**FprEN 61010-2-011:2016**

*Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-011: Particular requirements for REFRIGERATED EQUIPMENT*

Språk: en Utarbeidet av: CLC/SR66

Voteringsfrist: 2016-05-13

**FprEN 61010-2-012:2016**

*Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-012: Particular requirements for climatic and environmental testing and other temperature conditioning equipment*

Språk: en Utarbeidet av: CLC/SR66

Voteringsfrist: 2016-05-13

**FprEN 61058-2-6:2016**

*Switches for appliances - Part 2-6: Particular requirements for switches used in electric motor-operated hand-held tools, transportable tools and lawn and garden machinery*

Språk: en Utarbeidet av: CLC/SR23J

Voteringsfrist: 2016-05-06

**FprEN 61076-2-113:2016**

*Connectors for electronic equipment - Product requirements - Part 2-113: Circular connector - Detail specification for connectors with data and power contacts with M12 screw-locking for frequency up to 100MHz*

Språk: en Utarbeidet av: CLC/SR48B

Voteringsfrist: 2016-07-01

**FprEN 61076-3-104:2016**

*Connectors for electronic equipment - Product requirements - Part 3-104: Detail specification for 8-way, shielded free and fixed connectors for data transmissions with frequencies up to 2000 MHz*

Språk: en Utarbeidet av: CLC/SR48B

Voteringsfrist: 2016-06-17

**FprEN 61076-3-122:2016**

*Connectors for electronic equipment - Product requirements - Part 3-122: Detail specification for 8-way, shielded, free and fixed connectors for I/O and Gigabit applications in harsh environments*

Språk: en Utarbeidet av: CLC/SR48B

Voteringsfrist: 2016-06-24

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

**FprEN 61643-352:2016**

*Components for low-voltage surge protection - Part 352: Selection and application principles for telecommunications and signalling network surge isolation transformers (SIT)*

Språk: en Utarbeidet av: CLC/SR37B

Voteringsfrist: 2016-06-24

**FprEN 62209-1:2016**

*Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Part 1: Devices used next to the ear (Frequency range of 300 MHz to 6 GHz)*

Språk: en Utarbeidet av: CLC/TC106X

Voteringsfrist: 2016-05-27

**FprEN 62321-8:2016**

*Determination of certain substances in electrotechnical products - Part 8: Phthalates in polymers by Gas Chromatography-Mass Spectrometry (GC-MS), Pyrolysis/Thermal Desorption-Gas Chromatography-Mass Spectrometry (Py/TD-GC-MS)*

Språk: en Utarbeidet av: CLC/TC111X

Voteringsfrist: 2016-07-01

**FprEN 62361-100:2016**

*Power systems management and associated information exchange - Interoperability in the long term - Part 100: CIM profiles to XML schema mapping*

Språk: en Utarbeidet av: CLC/TC/57

Voteringsfrist: 2016-05-13

**FprEN 62680-1-2:2016**

*Universal Serial Bus interfaces for data and power - Part 1-2: Common components - USB Power Delivery Specification*

Språk: en Utarbeidet av: CLC/SR100

Voteringsfrist: 2016-06-24

**FprEN 62714-3:2016**

*Engineering data exchange format for use in industrial automation systems engineering - Automation Markup Language - Part 3: Geometry and kinematics*

Språk: en Utarbeidet av: CLC/TC65X

Voteringsfrist: 2016-07-08

**FprEN 62754:2016**

*Computation of waveform parameter uncertainties*

Språk: en Utarbeidet av: CLC/SR85

Voteringsfrist: 2016-06-24

**FprEN 62841-2-1:2016**

*Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-1: Particular requirements for hand-held drills and impact drills*

Språk: en Utarbeidet av: CLC/TC116

Voteringsfrist: 2016-07-08

**FprEN 62863:2016**

*Methods of measuring performances of electric hair clippers or trimmers for household use*

Språk: en Utarbeidet av: CLC/TC59X

Voteringsfrist: 2016-07-01

**FprEN 62864-1:2016**

*Railway applications - Rolling stock - Power supply with onboard energy storage system - Part 1: Series hybrid system*

Språk: en Utarbeidet av: CLC/TC9X

Voteringsfrist: 2016-05-13

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

**FprEN 63044-1:2016**

*General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 1: General requirements*

Språk: en Utarbeidet av: CLC/TC205

Voteringsfrist: 2016-06-24

**FprEN 63044-3:2016**

*General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 3: Electrical safety requirements*

Språk: en Utarbeidet av: CLC/TC205

Voteringsfrist: 2016-06-24

**FprEN 63044-5-1:2016**

*General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 5-1: EMC requirements, conditions and test set-up*

Språk: en Utarbeidet av: CLC/TC205

Voteringsfrist: 2016-06-24

**FprEN 63044-5-2:2016**

*General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 5-2: EMC requirements for HBES/BACS used in residential, commercial and light industry environment*

Språk: en Utarbeidet av: CLC/TC205

Voteringsfrist: 2016-06-24

**FprEN 63044-5-3:2016**

*General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 5-3: EMC requirements for HBES/BACS used in industry environment*

Språk: en Utarbeidet av: CLC/TC205

Voteringsfrist: 2016-06-24

**Rapporter fra CLC**

**NEK CEN/CLC/TR 14060:2014**

*Medical device traceability enabled by unique device identification (UDI)*

Språk: en Utarbeidet av: CEN/CLC-TC3

**NEK CEN/CLC/TR 16567:2013**

*White certificates*

Språk: en Utarbeidet av: CEN/CLC-JWG-2

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

**NEK IEC/TS 62668-1 Utgave: 3.0 År: 2016**

*Process management for avionics - Counterfeit prevention - Part 1: Avoiding the use of counterfeit, fraudulent and recycled electronic components*

Språk: en Utarbeidet av: IEC/TC107

Erstatter NEK IEC/TS 62668-1 Utgave: 2.0 År: 2014

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

**NEK IEC 60601-2-44 Utgave: 3.2 År: 2016**

*Medical electrical equipment - Part 2-44: Particular requirements for the basic safety and essential performance of X-ray equipment for computed tomography*

Språk: en/fr Utarbeidet av: IEC/SC62B

**NEK IEC 60601-2-44-am2 Utgave: 3.0 År: 2016**

*Amendment 2 - Medical electrical equipment - Part 2-44: Particular requirements for the basic safety and essential performance of X-ray equipment for computed tomography*

Språk: en/fr Utarbeidet av: IEC/SC62B

**NEK IEC 60731 Utgave: 3.1 År: 2016**

*Medical electrical equipment - Dosimeters with ionization chambers as used in radiotherapy*

Språk: en/fr Utarbeidet av: IEC/SC62C

**NEK IEC 60731-am1 Utgave: 3.0 År: 2016**

*Amendment 1 - Medical electrical equipment - Dosimeters with ionization chambers as used in radiotherapy*

Språk: en/fr Utarbeidet av: IEC/SC62C

**Forslag til normer på høring - europeiske (CLC)****EN 62321-4:2014/FprA1:2016**

*Determination of certain substances in electrotechnical products - Part 4: Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS*

Språk: en Utarbeidet av: CLC/TC111X

Voteringsfrist: 2016-06-24

**prEN 50131-6:2016**

*Alarm systems - Intrusion and hold-up systems - Part 6: Power supplies*

Språk: en Utarbeidet av: CLC/TC79/WG3

Voteringsfrist: 2016-07-15

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon****NEK IEC 60335-2-7 Utgave: 7.2 År: 2016**

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

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-7-am2 Utgave: 7.0 År: 2016**

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

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-9 Utgave: 6.2 År: 2016**

*Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances*

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-9-am2 Utgave: 6.0 År: 2016**

*Amendment 2 - Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances*

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-13 Utgave: 6.1 År: 2016**

*Household and similar electrical appliances - Safety - Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances*

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-13-am1 Utgave: 6.0 År: 2016**

*Amendment 1 - Household and similar electrical appliances - Safety - Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances*

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-15 Utgave: 6.1 År: 2016**

*Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids*

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-15-am1 Utgave: 6.0 År: 2016**

*Amendment 1 - Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids*

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-31 Utgave: 5.1 År: 2016**

*Household and similar electrical appliances - Safety - Part 2-31: Particular requirements for range hoods and other cooking fume extractors*

Språk: en/fr Utarbeidet av: IEC/TC61

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

**NEK IEC 60335-2-31-am1 Utgave: 5.0 År: 2016**

*Amendment 1 - Household and similar electrical appliances - Safety - Part 2-31: Particular requirements for range hoods and other cooking fume extractors*

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-113 Utgave: 1.0 År: 2016**

*Household and similar electrical appliances - Safety - Part 2-113: Particular requirements for cosmetic and beauty care appliances incorporating lasers and intense light sources*

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 61800-5-2 Utgave: 2.0 År: 2016**

*Adjustable speed electrical power drive systems - Part 5-2: Safety requirements - Functional*

Språk: en/fr Utarbeidet av: IEC/SC22G

Erstatter NEK IEC 61800-5-2 Utgave: 1.0 År: 2007



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

**FprEN 62056-6-2:2016**

*Electricity metering data exchange - The DLMS/COSEM suite - Part 6-2: COSEM interface classes*

Språk: en Utarbeidet av: CLC/TC13

Voteringsfrist: 2016-07-01

**Fastsatte norske europasnormer**

**NEK EN 61788-4:2016**

Superkonduktivitet - Del 4: Måling av restmotstandsforhold - Restmotstandsforhold for sammensatte superledere av Nb-Ti og Nb<sub>3</sub>Sn

*Superconductivity - Part 4: Residual resistance ratio measurement - Residual resistance ratio of Nb-Ti and Nb<sub>3</sub>Sn composite superconductors*

Språk: en Utarbeidet av: CLC/SR90

Erstatter NEK EN 61788-4:2011

**Fastsatte norske europasnormer**

**NEK EN 60534-2-3:2016**

Reguleringsventiler for industrielle prosesser - Del 2-3: Gjennomstrømningskapasitet - Prøvningsprosedyrer

*Industrial-process control valves - Part 2-3: Flow capacity - Test procedures*

Språk: en Utarbeidet av: CLC/TC65X

Erstatter NEK EN 60534-2-3:1998

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon****NEK IEC 61671-2 Utgave: 1.0 År: 2016**

*Standard for automatic test markup language (ATML) instrument description*

Språk: en Utarbeidet av: IEC/TC91

**NEK IEC 61671-4 Utgave: 1.0 År: 2016**

*Standard for automatic test markup language (ATML) test configuration*

Språk: en Utarbeidet av: IEC/TC91

**NEK IEC 61671-5 Utgave: 1.0 År: 2016**

*Standard for automatic test markup language (ATML) test adapter description*

Språk: en Utarbeidet av: IEC/TC91

**NEK IEC 61671-6 Utgave: 1.0 År: 2016**

*Standard for automatic test markup language (ATML) test station description*

Språk: en Utarbeidet av: IEC/TC91

**NEK IEC 62439-2 Utgave: 2.0 År: 2016**

*Industrial communication networks - High availability automation networks - Part 2: Media Redundancy Protocol (MRP)*

Språk: en/fr Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 62439-2 Utgave: 1.0 År: 2010; NEK IEC 62439-2 Utgave: 1.0 År: 2010

**NEK IEC 62439-3 Utgave: 3.0 År: 2016**

*Industrial communication networks - High availability automation networks - Part 3: Parallel Redundancy Protocol (PRP) and High-availability Seamless Redundancy (HSR)*

Språk: en/fr Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 62439-3 Utgave: 2.0 År: 2012

**NEK IEC 62439-5 Utgave: 2.0 År: 2016**

*Industrial communication networks - High availability automation networks - Part 5: Beacon Redundancy Protocol (BRP)*

Språk: en/fr Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 62439-5 Utgave: 1.0 År: 2010

**NEK IEC 62591 Utgave: 2.0 År: 2016**

*Industrial networks - Wireless communication network and communication profiles - WirelessHART&#153;*

Språk: en/fr Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 62591 Utgave: 1.0 År: 2010

**NEK IEC 62822-1 Utgave: 1.0 År: 2016**

*Electric welding equipment - Assessment of restrictions related to human exposure to electromagnetic fields (0 Hz to 300 GHz) - Part 1: Product family standard*

Språk: en/fr Utarbeidet av: IEC/TC26

**NEK IEC 62822-2 Utgave: 1.0 År: 2016**

*Electric welding equipment - Assessment of restrictions related to human exposure to electromagnetic fields (0 Hz to 300 GHz) - Part 2: Arc welding equipment*

Språk: en/fr Utarbeidet av: IEC/TC26

**NEK IEC 62841-2-8 Utgave: 1.0 År: 2016**

*Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-8: Particular requirements for hand-held shears and nibblers*

Språk: en/fr Utarbeidet av: IEC/TC116\_1

**Fastsatte norske europanormer**

**NEK EN 62264-4:2016**

*Enterprise-control system integration - Part 4: Object model attributes for manufacturing operations management integration*

Språk: en Utarbeidet av: CLC/TC65X

**NEK EN 62601:2016**

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

Språk: en Utarbeidet av: CLC/TC65X

**NEK EN 62841-2-11:2016**

Elektrisk håndverktøy, transportabelt verktøy og gress- og hagemaskiner - Del 2-11: Spesielle sikkerhetskrav til håndholdte bajonetsager og figursager

*Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-11: Particular requirements for hand-held reciprocating saws*

Språk: en Utarbeidet av: CLC/TC116

Erstatter NEK EN 60745-2-11:2010

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

**FprEN 61400-25-6:2016**

*Wind turbines - Part 25-6: Communications for monitoring and control of wind power plants - Logical node classes and data classes for condition monitoring*

Språk: en Utarbeidet av: CLC/TC88

Voteringsfrist: 2016-06-17

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

**NEK IEC 60904-3 Utgave: 3.0 År: 2016**

*Photovoltaic devices - Part 3: Measurement principles for terrestrial photovoltaic (PV) solar devices with reference spectral irradiance data*

Språk: en/fr Utarbeidet av: IEC/TC82

Erstatter NEK IEC 60904-3 Utgave: 2.0 År: 2008

**Fastsatte norske europasnormer**

**NEK EN 61400-13:2016**

*Wind turbines - Part 13: Measurement of mechanical loads*

Språk: en Utarbeidet av: CLC/TC88

**NEK EN 62446-1:2016**

*Photovoltaic (PV) systems - Requirements for testing, documentation and maintenance - Part 1: Grid connected systems - Documentation, commissioning tests and inspection*

Språk: en Utarbeidet av: CLC/TC82

Erstatter NEK EN 62446:2009

**Fastsatte norske harmoniseringsnormer**

**NEK HD 60364-7-712:2016**

*Low-voltage electrical installations - Part 7-712: Requirements for special installations or locations - Photovoltaic (PV) systems*

Språk: en Utarbeidet av: CLC/TC64

Erstatter NEK HD 60364-7-712:2005; NEK HD 60364-7-712:2005/Cor.

**Forslag til normer på høring - europeiske (CLC)****EN 60061-1:1993/FprA55:2016**

*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: 2016-06-24

**EN 60061-1:1993/FprA56:2016**

*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: 2016-07-01

**EN 60061-2:1993/FprA52:2016**

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

Språk: en Utarbeidet av: CLC/TC34Z

Voteringsfrist: 2016-07-01

**EN 60061-3:1993/FprA53:2016**

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

Språk: en Utarbeidet av: CLC/TC34Z

Voteringsfrist: 2016-07-01

**EN 60061-4:1992/FprA15:2016**

*Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 4: Guidelines and general information*

Språk: en Utarbeidet av: CLC/TC34Z

Voteringsfrist: 2016-07-01

**EN 62271-100:2009/FprA2:2016**

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

Språk: en Utarbeidet av: CLC/TC17AC

Voteringsfrist: 2016-07-08

**EN 62271-101:2013/FprA1:2016**

*High-voltage switchgear and controlgear - Part 101: Synthetic testing*

Språk: en Utarbeidet av: CLC/TC17AC

Voteringsfrist: 2016-07-08

**FprEN 50592:2016**

*Railway applications - Testing of rolling stock for electromagnetic compatibility with axle counters*

Språk: en Utarbeidet av: CLC/SC9XB

Voteringsfrist: 2016-06-10

**FprEN 60099-5:2016**

*Surge arresters - Part 5: Selection and application recommendations*

Språk: en Utarbeidet av: CLC/SR37

Voteringsfrist: 2016-06-17

**FprEN 60598-2-4:2016/FprAA:2016**

*Luminaires - Part 2: Particular requirements - Section 4: Portable general purpose luminaires*

Språk: en Utarbeidet av: CLC/TC34Z

Voteringsfrist: 2016-06-24

**FprEN 61605:2016**

*Fixed inductors for use in electronic and telecommunication equipment - Marking codes*

Språk: en Utarbeidet av: CLC/SR51

Voteringsfrist: 2016-07-08

**Forslag til normer på høring - europeiske (CLC)****FprEN 62211:2016***Inductive components - Reliability management*

Språk: en Utarbeidet av: CLC/SR51

Voteringsfrist: 2016-07-08

**FprEN 62561-1:2016***Lightning Protection System Components (LPSC) - Part 1: Requirements for connection components*

Språk: en Utarbeidet av: CLC/TC81X

Voteringsfrist: 2016-07-08

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon****NEK IEC 60335-2-97 Utgave: 3.0 År: 2016***Household and similar electrical appliances - Safety - Part 2-97: Particular requirements for drives for shutters, awnings, blinds and similar equipment*

Språk: en/fr Utarbeidet av: IEC/TC61

Erstatter NEK IEC 60335-2-97-am1 Utgave: 2.0 År: 2004; NEK IEC 60335-2-97-am2 Utgave: 2.0 År: 2008; NEK IEC 60335-2-97

Utgave: 2.2 År: 2009

**NEK IEC 60556 Utgave: 2.1 År: 2016***Gyromagnetic materials intended for application at microwave frequencies - Measuring methods for properties*

Språk: en/fr Utarbeidet av: IEC/TC51

**NEK IEC 60556-am1 Utgave: 2.0 År: 2016***Amendment 1 - Gyromagnetic materials intended for application at microwave frequencies - Measuring methods for properties*

Språk: en/fr Utarbeidet av: IEC/TC51

**NEK IEC 60598-2-22/Cor2 Utgave: 4.0 År: 2016***Corrigendum 2 - Luminaires - Part 2-22: Particular requirements - Luminaires for emergency lighting*

Språk: en/fr Utarbeidet av: IEC/SC34D

**NEK IEC 60702-3 Utgave: 1.0 År: 2016***Mineral insulated cables and their terminations with a rated voltage not exceeding 750 V - Part 3: Guide for use*

Språk: en/fr Utarbeidet av: IEC/TC20

**NEK IEC 61800-5-2 Utgave: 2.0 År: 2016***Adjustable speed electrical power drive systems - Part 5-2: Safety requirements - Functional*

Språk: en/fr Utarbeidet av: IEC/SC22G

Erstatter NEK IEC 61800-5-2 Utgave: 1.0 År: 2007

**Rapporter fra IEC (IEC/TR og CISPR/TR)****NEK IEC/TR 62544 Utgave: 1.1 År: 2016***High-voltage direct current (HVDC) systems - Application of active filters*

Språk: en Utarbeidet av: IEC/SC22F

**NEK IEC/TR 62544-am1 Utgave: 1.0 År: 2016***Amendment 1 - High-voltage direct current (HVDC) systems - Application of active filters*

Språk: en Utarbeidet av: IEC/SC22F

**Fastsatte norske europanormer**

**NEK EN 61009-1:2012/A12:2016**

*Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) - Part 1: General rules*

Språk: en Utarbeidet av: CLC/TC23E

**Fastsatte norske harmoniseringsnormer**

**NEK HD 62640:2015/A11:2016**

*Residual current devices with or without overcurrent protection for socket-outlets for household and similar uses*

Språk: en Utarbeidet av: CLC/TC23E



**Forslag til normer på høring - europeiske (CLC)****FprEN 60749-4:2016**

*Semiconductor devices - Mechanical and climatic test methods - Part 4: Damp heat, steady state, highly accelerated stress test (HAST)*

Språk: en Utarbeidet av: CLC/SR47

Voteringsfrist: 2016-07-01

**FprEN 61360-1:2016**

*Standard data elements types with associated classification scheme for electric items - Part 1: Definitions - Principles and methods*

Språk: en Utarbeidet av: CLC/SR3D

Voteringsfrist: 2016-06-24

**IEC/IECEX/CISPR-normer og andre IEC publikasjoner utgitt som NEK publikasjon****NEK IEC 60195 Utgave: 2.0 År: 2016**

*Method of measurement of current noise generated in fixed resistors*

Språk: en/fr Utarbeidet av: IEC/TC40

Erstatter NEK IEC 60195 Utgave: 1.0 År: 1965

**NEK IEC 60384-14-2 Utgave: 2.0 År: 2016**

*Kondensatorer for bruk i elektronisk utstyr - Del 14-2: Kondensatorer for demping av elektromagnetisk stråling og tilkopling til nettspenning - Kun sikkerhetsprøver*

*Fixed capacitors for use in electronic equipment - Part 14-2: Blank detail specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains - Safety tests only*

Språk: en/fr Utarbeidet av: IEC/TC40

Erstatter NEK IEC 60384-14-2 Utgave: 1.0 År: 2004

**NEK IEC 60384-14/Cor1 Utgave: 4.0 År: 2016**

*Corrigendum 1 - Fixed capacitors for use in electronic equipment - Part 14: Sectional specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains*

Språk: en/fr Utarbeidet av: IEC/TC40

**NEK IEC 60747-2 Utgave: 3.0 År: 2016**

*Semiconductor devices - Part 2: Discrete devices - Rectifier diodes*

Språk: en/fr Utarbeidet av: IEC/SC47E

Erstatter NEK IEC 60747-2 Utgave: 2.0 År: 2000; NEK IEC 60747-2-2 Utgave: 1.0 År: 1993

**NEK IEC 60747-6 Utgave: 3.0 År: 2016**

*Semiconductor devices - Part 6: Discrete devices - Thyristors*

Språk: en/fr Utarbeidet av: IEC/SC47E

Erstatter NEK IEC 60747-6 Utgave: 2.0 År: 2000

**NEK IEC 60939-3/Cor1 Utgave: 1.0 År: 2016**

*Corrigendum 1 - Passive filter units for electromagnetic interference suppression - Part 3: Passive filter units for which safety tests are appropriate*

Språk: en/fr Utarbeidet av: IEC/TC40

**NEK IEC 62595-2-1 Utgave: 1.0 År: 2016**

*Display lighting unit - Part 2-1: Electro-optical measuring methods of LED backlight unit*

Språk: en Utarbeidet av: IEC/TC110

Erstatter NEK IEC 62595-2 Utgave: 1.0 År: 2012

**NEK IEC 62610-5 Utgave: 1.0 År: 2016**

*Mechanical structures for electrical and electronic equipment - Thermal management for cabinets in accordance with IEC 60297 and IEC 60917 series - Part 5: Cooling performance evaluation for indoor cabinets*

Språk: en/fr Utarbeidet av: IEC/SC48D

**Rapporter fra IEC (IEC/TS og CISPR/TS)****NEK IEC/TS 62668-1 Utgave: 3.0 År: 2016**

*Process management for avionics - Counterfeit prevention - Part 1: Avoiding the use of counterfeit, fraudulent and recycled electronic components*

Språk: en Utarbeidet av: IEC/TC107

Erstatter NEK IEC/TS 62668-1 Utgave: 2.0 År: 2014

**Fastsatte norske europaanormer****NEK EN 60384-14-1:2016**

*Faste kondensatorer til bruk i elektronisk utstyr - Del 14-1: Blank detaljspesifikasjon - Faste kondensatorer for elektromagnetisk støybeskyttelse og tilkoplede nettspenning - Vurderingsnivå DZ*

*Fixed capacitors for use in electronic equipment - Part 14-1: Blank detail specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains - Assessment level DZ*

Språk: en Utarbeidet av: CLC/TC40XA

Erstatter NEK EN 60384-14-3:2004; NEK EN 60384-14-1:2005

**NEK EN 60393-2:2016**

*Potentiometers for use in electronic equipment - Part 2: Sectional specification - Lead-screw actuated and rotary preset potentiometers*

Språk: en Utarbeidet av: CLC/SR40

**NEK EN 60393-5:2016**

*Potentiometers for use in electronic equipment - Part 5: Sectional specification - Single-turn rotary low-power wirewound and nonwirewound potentiometers*

Språk: en Utarbeidet av: CLC/SR40

**NEK EN 60393-6:2016**

*Potentiometers for use in electronic equipment - Part 6: Sectional specification - Surface mount preset potentiometers*

Språk: en Utarbeidet av: CLC/SR40

**NEK EN 60603-7-81:2016**

*Connectors for electronic equipment - Part 7-81: Detail specification for 8-way, shielded, free and fixed connectors, for data transmissions with frequencies up to 2 000 MHz*

Språk: en Utarbeidet av: CLC/SR48B

**NEK EN 61189-3-719:2016**

*Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 3-719: Test methods for interconnection structures (printed boards) - Monitoring of single plated-through hole (PTH) resistance change during temperature cycling*

Språk: en Utarbeidet av: CLC/SR91

**NEK EN 62047-1:2016**

*Halvlederutstyr - Mikro-elektromekanisk utstyr - Del 1: Termer og definisjoner*

*Semiconductor devices - Micro-electromechanical devices - Part 1: Terms and definitions*

Språk: en Utarbeidet av: CLC/SR47F

Erstatter NEK EN 62047-1:2006

**NEK EN 62047-26:2016**

*Semiconductor devices - Micro-electromechanical devices - Part 26: Description and measurement methods for micro trench and needle structures*

Språk: en Utarbeidet av: CLC/SR47F

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

**EN 61970-453:2014/FprA1:2016**

*Energy management system application program interface (EMS-API) - Part 453: Diagram layout profile*

Språk: en Utarbeidet av: CLC/TC/57

Voteringsfrist: 2016-07-01

**FprEN 60794-1-2:2016**

*Optical fibre cables - Part 1-2: Basic optical cable test procedures - General and definitions*

Språk: en Utarbeidet av: CLC/TC86A

Voteringsfrist: 2016-06-17

**FprEN 61300-2-4:2016**

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

Språk: en Utarbeidet av: CLC/TC86BXA

Voteringsfrist: 2016-07-08

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

**NEK CISPR 16-1-3 Utgave: 2.1 År: 2016**

*Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-3: Radio disturbance and immunity measuring apparatus - Ancillary equipment - Disturbance power*

Språk: en/fr Utarbeidet av: IEC/CISPR/A

**NEK CISPR 16-1-3-am1 Utgave: 2.0 År: 2016**

*Amendment 1 - Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-3: Radio disturbance and immunity measuring apparatus - Ancillary equipment - Disturbance power*

Språk: en/fr Utarbeidet av: IEC/CISPR/A

**NEK IEC 60793-1-20/Cor1 Utgave: 2.0 År: 2016**

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

Språk: en/fr Utarbeidet av: IEC/SC86A

**NEK IEC 61000-1-2 Utgave: 1.0 År: 2016**

*Electromagnetic compatibility (EMC) - Part 1-2: General - Methodology for the achievement of functional safety of electrical and electronic systems including equipment with regard to electromagnetic phenomena*

Språk: en/fr Utarbeidet av: IEC/TC77

Erstatter NEK IEC/TS 61000-1-2 Utgave: 2.0 År: 2008

**NEK IEC 61156-9 Utgave: 1.0 År: 2016**

*Multicore and symmetrical pair/quad cables for digital communications - Part 9: Cables for channels with transmission characteristics up to 2 GHz - Sectional specification*

Språk: en Utarbeidet av: IEC/SC46C

**NEK IEC 61156-10 Utgave: 1.0 År: 2016**

*Multicore and symmetrical pair/quad cables for digital communications - Part 10: Cables for cords with transmission characteristics up to 2 GHz - Sectional specification*

Språk: en Utarbeidet av: IEC/SC46C

**NEK IEC 61300-2-37 Utgave: 3.0 År: 2016**

*Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-37: Tests - Cable bending for fibre optic closures*

Språk: en/fr Utarbeidet av: IEC/SC86B

Erstatter NEK IEC 61300-2-37 Utgave: 2.0 År: 2006

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

**NEK IEC 62343-3-1 Utgave: 2.0 År: 2016**

*Dynamic modules - Part 3-1: Performance specification templates - Dynamic channel equalizers*

Språk: en Utarbeidet av: IEC/SC86C

Erstatter NEK IEC 62343-3-1 Utgave: 1.0 År: 2010

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

**NEK IEC/TR 61850-90-8 Utgave: 1.0 År: 2016**

*Communication networks and systems for power utility automation - Part 90-8: Object model for E-mobility*

Språk: en Utarbeidet av: IEC/TC57

**NEK IEC/TR 62351-12 Utgave: 1.0 År: 2016**

*Power systems management and associated information exchange - Data and communications security - Part 12: Resilience and security recommendations for power systems with distributed energy resources (DER) cyber-physical systems*

Språk: en Utarbeidet av: IEC/TC57

**Fastsatte norske europasnormer**

**NEK EN 55011:2016**

*Industrielt, vitenskaplig og medisinsk utstyr - Radiofrekvens støyegenskaper - Grenseverdier og målemetoder*

*Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement*

Språk: en Utarbeidet av: CLC/TC210

Erstatter NEK EN 55011:2009; NEK EN 55011:2009/A1:2010

**NEK EN 55013:2013/A1:2016**

*Sound and television broadcast receivers and associated equipment - Radio disturbance characteristics - Limits and methods of measurement*

Språk: en Utarbeidet av: CLC/TC210

**NEK EN 60728-5:2016**

*Cable networks for television signals, sound signals and interactive services - Part 5: Headend equipment*

Språk: en Utarbeidet av: CLC/TC209

Erstatter NEK EN 60728-5:2008

**NEK EN 61753-381-2:2016**

*Fibre optic interconnecting devices and passive components - Performance standard - Part 381-2: Cyclic arrayed waveguide grating - Category C (controlled environment)*

Språk: en Utarbeidet av: CLC/TC86BXA

**NEK EN 62911:2016**

*Audio, video and information technology equipment - Routine electrical safety testing in production*

Språk: en Utarbeidet av: CLC/TC108X

Erstatter NEK EN 50514:2014

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

**FprEN 62056-6-1:2016**

*Electricity metering data exchange - The DLMS/COSEM suite - Part 6-1: COSEM Object Identification System (OBIS)*

Språk: en Utarbeidet av: CLC/TC13

Voteringsfrist: 2016-07-01

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

**NEK IEC 61671-2 Utgave: 1.0 År: 2016**

*Standard for automatic test markup language (ATML) instrument description*

Språk: en Utarbeidet av: IEC/TC91

**NEK IEC 61671-4 Utgave: 1.0 År: 2016**

*Standard for automatic test markup language (ATML) test configuration*

Språk: en Utarbeidet av: IEC/TC91

**NEK IEC 61671-5 Utgave: 1.0 År: 2016**

*Standard for automatic test markup language (ATML) test adapter description*

Språk: en Utarbeidet av: IEC/TC91

**NEK IEC 61671-6 Utgave: 1.0 År: 2016**

*Standard for automatic test markup language (ATML) test station description*

Språk: en Utarbeidet av: IEC/TC91

**NEK IEC 62439-2 Utgave: 2.0 År: 2016**

*Industrial communication networks - High availability automation networks - Part 2: Media Redundancy Protocol (MRP)*

Språk: en/fr Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 62439-2 Utgave: 1.0 År: 2010; NEK IEC 62439-2 Utgave: 1.0 År: 2010

**NEK IEC 62439-3 Utgave: 3.0 År: 2016**

*Industrial communication networks - High availability automation networks - Part 3: Parallel Redundancy Protocol (PRP) and High-availability Seamless Redundancy (HSR)*

Språk: en/fr Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 62439-3 Utgave: 2.0 År: 2012

**NEK IEC 62439-5 Utgave: 2.0 År: 2016**

*Industrial communication networks - High availability automation networks - Part 5: Beacon Redundancy Protocol (BRP)*

Språk: en/fr Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 62439-5 Utgave: 1.0 År: 2010

**NEK IEC 62591 Utgave: 2.0 År: 2016**

*Industrial networks - Wireless communication network and communication profiles - WirelessHART&#153;*

Språk: en/fr Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 62591 Utgave: 1.0 År: 2010

**Rapporter fra CLC**

**NEK CLC/TR 50600-99-1:2016**

*Information technology - Data centre facilities and infrastructures - Part 99-1: Recommended practices for energy management*

Språk: en Utarbeidet av: CLC/TC215

**Forslag til normer på høring - europeiske (CLC)****EN 50367:2012/FprA1:2016**

*Railway applications - Current collection systems - Technical criteria for the interaction between pantograph and overhead line (to achieve free access)*

Språk: en Utarbeidet av: CLC/SC9XC

Voteringsfrist: 2016-06-10

**Fastsatte norske europasnormer****NEK EN 61377:2016**

Jernbaneapplikasjoner - Rullende materiell - Kombinert prøvingsmetode for fremdrifts-systemer

*Railway applications - Rolling stock - Combined test method for traction Systems*

Språk: en Utarbeidet av: CLC/SC9XB

Erstatter NEK EN 61377-1:2006; NEK EN 61377-1:2006/Cor.; NEK EN 61377-3:2002; NEK EN 61377-2:2002

**NEK EN 62718:2016**

Jernbaneapplikasjoner - Likestrømsmatede elektroniske ballaster for lysrørarmaturer i rullende materiell

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

Språk: en Utarbeidet av: CLC/SC9XB

Erstatter NEK EN 50311:2003

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

**FprEN 62287-1:2016**

*Maritime navigation and radiocommunication equipment and systems - Class B shipborne equipment of the automatic identification system (AIS) - Part 1: Carrier-sense time division multiple access (CSTDMA) techniques*

Språk: en Utarbeidet av: CLC/SR80

Voteringsfrist: 2016-06-24

**FprEN 62287-2:2016**

*Maritime navigation and radiocommunication equipment and systems - Class B shipborne equipment of the automatic identification system (AIS) - Part 2: Self-organising time division multiple access (SOTDMA) techniques*

Språk: en Utarbeidet av: CLC/SR80

Voteringsfrist: 2016-06-24

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

**NEK IEC 61162-450 Utgave: 1.1 År: 2016**

*Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 450: Multiple talkers and multiple listeners - Ethernet interconnection*

Språk: en Utarbeidet av: IEC/TC80

**NEK IEC 61162-450-am1 Utgave: 1.0 År: 2016**

*Amendment 1 - Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 450: Multiple talkers and multiple listeners - Ethernet interconnection*

Språk: en Utarbeidet av: IEC/TC80

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

**prEN 16603-10-24**

*Space engineering - Interface management*

Språk: en Utarbeidet av: CEN/CLC/TC5

Voteringsfrist: 2016-07-14

**prEN 16603-50-15**

*Space engineering - CANbus extention protocol*

Språk: en Utarbeidet av: CEN/CLC/TC5

Voteringsfrist: 2016-07-14

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

**NEK IEC/TS 62668-1 Utgave: 3.0 År: 2016**

*Process management for avionics - Counterfeit prevention - Part 1: Avoiding the use of counterfeit, fraudulent and recycled electronic components*

Språk: en Utarbeidet av: IEC/TC107

Erstatter NEK IEC/TS 62668-1 Utgave: 2.0 År: 2014



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

**NEK IEC 60335-2-97 Utgave: 3.0 År: 2016**

*Household and similar electrical appliances - Safety - Part 2-97: Particular requirements for drives for shutters, awnings, blinds and similar equipment*

Språk: en/fr Utarbeidet av: IEC/TC61

Erstatter NEK IEC 60335-2-97-am1 Utgave: 2.0 År: 2004; NEK IEC 60335-2-97-am2 Utgave: 2.0 År: 2008; NEK IEC 60335-2-97 Utgave: 2.2 År: 2009

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

**EN 60335-2-38:2003/FprA2:2016**

*Household and similar electrical appliances - Safety - Part 2-38: Particular requirements for commercial electric griddles and griddle grills*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 2016-07-01

**EN 60335-2-42:2003/FprA2:2016**

*Household and similar electrical appliances - Safety - Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 2016-07-01

**EN 60335-2-47:2003/FprA2:2016**

*Household and similar electrical appliances - Safety - Part 2-47: Particular requirements for commercial electric boiling pans*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 2016-07-01

**EN 60335-2-48:2003/FprA2:2016**

*Household and similar electrical appliances - Safety - Part 2-48: Particular requirements for commercial electric grillers and toasters*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 2016-07-01

**EN 60335-2-49:2003/FprA2:2016**

*Household and similar electrical appliances - Safety - Part 2-49: Particular requirements for commercial electric appliances for keeping food and crockery warm*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 2016-07-01

**EN 60335-2-50:2003/FprA2:2016**

*Household and similar electrical appliances - Safety - Part 2-50: Particular requirements for commercial electric bains-marie*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 2016-07-01

**EN 60335-2-64:2016/FprA2:2016**

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

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 2016-07-01

**EN 60335-2-99:2003/FprA1:2016**

*Household and similar electrical appliances - Safety - Part 2-99: Particular requirements for commercial electric hoods*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 2016-07-01

**FprEN 60335-2-36:2016**

*Household and similar electrical appliances - Safety - Part 2-36: Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 2016-07-01

**FprEN 60335-2-37:2016**

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

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 2016-07-01

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

**FprEN 60335-2-69:2016**

*Household and similar electrical appliances - Safety - Part 2-69: Particular requirements for wet and dry vacuum cleaners, including power brush, for commercial use*

Språk: en Utarbeidet av: CLC/TC61

Voteringsfrist: 2016-05-06

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

**NEK IEC 60335-2-7 Utgave: 7.2 År: 2016**

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

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-7-am2 Utgave: 7.0 År: 2016**

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

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-9 Utgave: 6.2 År: 2016**

*Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances*

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-9-am2 Utgave: 6.0 År: 2016**

*Amendment 2 - Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances*

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-13 Utgave: 6.1 År: 2016**

*Household and similar electrical appliances - Safety - Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances*

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-13-am1 Utgave: 6.0 År: 2016**

*Amendment 1 - Household and similar electrical appliances - Safety - Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances*

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-15 Utgave: 6.1 År: 2016**

*Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids*

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-15-am1 Utgave: 6.0 År: 2016**

*Amendment 1 - Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids*

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-31 Utgave: 5.1 År: 2016**

*Household and similar electrical appliances - Safety - Part 2-31: Particular requirements for range hoods and other cooking fume extractors*

Språk: en/fr Utarbeidet av: IEC/TC61

**NEK IEC 60335-2-31-am1 Utgave: 5.0 År: 2016**

*Amendment 1 - Household and similar electrical appliances - Safety - Part 2-31: Particular requirements for range hoods and other cooking fume extractors*

Språk: en/fr Utarbeidet av: IEC/TC61

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

**NEK IEC 60335-2-113 Utgave: 1.0 År: 2016**

*Household and similar electrical appliances - Safety - Part 2-113: Particular requirements for cosmetic and beauty care appliances incorporating lasers and intense light sources*

Språk: en/fr Utarbeidet av: IEC/TC61

**Fastsatte norske europasnormer**

**NEK EN 60456:2016**

Vaskemaskiner for husholdningsbruk - Målemetoder for ytelse

*Clothes washing machines for household use - Methods for measuring the performance*

Språk: en Utarbeidet av: CLC/TC59X

Erstatter NEK EN 60456:2011; NEK EN 60456:2011/AC:2011