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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

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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)

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### **CLC/FprTS 50238-3:2019**

*Railway applications - Compatibility between rolling stock and train detection systems - Part 3: Compatibility with axle counters*

Språk: en Utarbeidet av: CLC/TC9X

Voteringsfrist: 21.06.2019

### **EN 50128:2011/prAA:2019**

*Railway applications - Communication, signalling and processing systems - Software for railway control and protection systems*

Språk: en Utarbeidet av: CLC/TC9X

Voteringsfrist: 14.06.2019

### **EN 60061-1:1993/FprA59:2019**

*Amendment 59 - Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamps Caps*

Språk: en Utarbeidet av: CLC/TC34

Voteringsfrist: 10.05.2019

### **EN 60061-1:1993/prA60:2019**

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

Språk: en Utarbeidet av: CLC/TC34

Voteringsfrist: 21.06.2019

### **EN 60061-2:1993/prA55:2019**

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

Språk: en Utarbeidet av: CLC/TC34

Voteringsfrist: 21.06.2019

### **EN 60061-3:1993/FprA56:2019**

*Amendment 56 - Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 3: Gauges*

Språk: en Utarbeidet av: CLC/TC34

Voteringsfrist: 24.05.2019

### **EN 60061-3:1993/prA57:2019**

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

Språk: en Utarbeidet av: CLC/TC34

Voteringsfrist: 21.06.2019

### **EN 60068-2-67:1996/FprA1:2019**

*Environmental testing - Part 2-67: Tests - Test Cy: Damp heat, steady state, accelerated test primarily intended for components*

Språk: en Utarbeidet av: CLC/SR104

Voteringsfrist: 10.05.2019

### **EN 60068-2-69:2017/FprA1:2019**

*Environmental testing - Part 2-69: Tests - Test Te/Tc: Solderability testing of electronic components and printed boards by the wetting balance (force measurement) method*

Språk: en Utarbeidet av: CLC/SR91

Voteringsfrist: 03.05.2019

### **EN 61496-1:2013/prA1:2019**

*Safety of machinery - Electro-sensitive protective equipment - Part 1: General requirements and tests*

Språk: en Utarbeidet av: CLC/TC44X

Voteringsfrist: 14.06.2019

### **EN 61496-2:2013/prA1:2019**

*Safety of machinery - Electro-sensitive protective equipment - Part 2: Particular requirements for equipment using active opto-electronic protective devices (AOPDs)*

Språk: en Utarbeidet av: CLC/TC44X

Voteringsfrist: 14.06.2019

# Forslag til normer på høring - europeiske (CLC)

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## **EN 61810-1:2015/prA1:2019**

*Electromechanical elementary relays - Part 1: General and safety requirements*

Språk: en Utarbeidet av: CLC/SR94

Voteringsfrist: 05.07.2019

## **EN 61850-5:2013/prA1:2019**

*Communication networks and systems for power utility automation - Part 5: Communication requirements for functions and device models*

Språk: en Utarbeidet av: CLC/TC/57

Voteringsfrist: 14.06.2019

## **EN 62026-2:2013/FprA1:2019**

*Low-voltage switchgear and controlgear - Controller-device interfaces (CDIs) - Part 2: Actuator sensor interface (AS-i)*

Språk: en Utarbeidet av: CLC/TC121A

Voteringsfrist: 24.05.2019

## **EN 60730-2-6:2016/FprA1:2019**

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

Språk: en Utarbeidet av: CLC/TC72

Voteringsfrist: 31.05.2019

## **EN 62788-1-6:2017/prA1:2019**

*Measurement procedures for materials used in photovoltaic modules - Part 1-6: Encapsulants - Test methods for determining the degree of cure in Ethylene-Vinyl Acetate*

Språk: en Utarbeidet av: CLC/TC82

Voteringsfrist: 12.07.2019

## **FprEN 50342-2:2019**

*Lead-acid starter batteries - Part 2: Dimensions of batteries and marking of terminals*

Språk: en Utarbeidet av: CLC/TC21X

Voteringsfrist: 05.07.2019

## **FprEN 50668:2019**

*Railway applications - Signalling and control systems for non UGTMS Urban Rail systems*

Språk: en Utarbeidet av: CLC/TC9X

Voteringsfrist: 24.05.2019

## **FprEN IEC 60539-2:2019**

*Directly heated negative temperature coefficient thermistors - Part 2: Sectional specification - Surface mount negative temperature coefficient thermistors*

Språk: en Utarbeidet av: CLC/SR40

Voteringsfrist: 31.05.2019

## **FprEN IEC 63119-1:2019**

*Information exchange for Electric vehicle charging roaming service - Part 1: General*

Språk: en Utarbeidet av: CLC/TC69X

Voteringsfrist: 31.05.2019

## **FprEN IEC 61300-3-54:2019**

*Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-54: Examinations and measurements - Angular misalignment between ferrule bore axis and ferrule axes for cylindrical ferrules*

Språk: en Utarbeidet av: CLC/TC86BXA

Voteringsfrist: 31.05.2019

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

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## **FprEN IEC 31010:2019**

*Risk management - Risk assessment techniques*

Språk: en Utarbeidet av: CLC/SR56

Voteringsfrist: 03.05.2019

## **FprEN IEC 60068-2-85:2019**

*Environmental testing - Part 2-85: Tests - Test 85: Vibration - Long time history replication*

Språk: en Utarbeidet av: CLC/SR104

Voteringsfrist: 17.05.2019

## **FprEN IEC 60068-3-3:2019**

*Environmental testing - Part 3-3: Supporting documentation and guidance - Seismic test methods for equipment*

Språk: en Utarbeidet av: CLC/SR104

Voteringsfrist: 24.05.2019

## **FprEN IEC 60749-20-1:2019**

*Semiconductor devices - Mechanical and climatic test methods - Part 20-1: Handling, packing, labelling and shipping of surface-mount devices sensitive to the combined effect of moisture and soldering heat*

Språk: en Utarbeidet av: CLC/SR47

Voteringsfrist: 10.05.2019

## **FprEN IEC 61207-2:2019**

*Expression of performance of gas analyzers - Part 2: Oxygen in gas (utilizing high-temperature electrochemical sensors)*

Språk: en Utarbeidet av: CLC/TC65X

Voteringsfrist: 10.05.2019

## **FprEN IEC 61207-3:2019**

*Expression of Performance of Gas Analyzers- Part 3: Paramagnetic oxygen analysers*

Språk: en Utarbeidet av: CLC/TC65X

Voteringsfrist: 10.05.2019

## **FprEN IEC 61968-5:2019**

*Application integration at electric utilities - System interfaces for distribution management - Part 5: Distributed energy optimization*

Språk: en Utarbeidet av: CLC/TC/57

Voteringsfrist: 24.05.2019

## **FprEN IEC 62668-2:2019**

*Process management for avionics - Counterfeit prevention - Part 2: Managing electronic components from non-franchised sources*

Språk: en Utarbeidet av: CLC/SR107

Voteringsfrist: 17.05.2019

## **FprEN IEC 62676-2-31:2019**

*Video surveillance systems for use in security applications - Part 2-31: Live streaming and control based on web services*

Språk: en Utarbeidet av: CLC/TC79

Voteringsfrist: 03.05.2019

## **FprEN IEC 62676-2-32:2019**

*Video surveillance systems for use in security applications - Part 2-32: Recording control and replay based on web services*

Språk: en Utarbeidet av: CLC/TC79

Voteringsfrist: 03.05.2019

## **FprEN IEC 80601-2-60:2019**

*Medical electrical equipment - Part 2-60: Particular requirements for the basic safety and essential performance of dental equipment*

Språk: en Utarbeidet av: CLC/TC62

Voteringsfrist: 03.05.2019

# Forslag til normer på høring - europeiske (CLC)

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## **FprEN ISO 14708-2:2019**

*Implants for surgery - Active implantable medical devices - Part 2: Cardiac pacemakers (ISO/FDIS 14708-2:2019)*

Språk: en Utarbeidet av: CEN/CLC/JTC 16

Voteringsfrist: 28.05.2019

## **FprEN ISO 14708-6:2019**

*Implants for surgery - Active implantable medical devices - Part 6: Particular requirements for active implantable medical devices intended to treat tachyarrhythmia (including implantable defibrillators) (ISO/FDIS 14708-6:2019)*

Språk: en Utarbeidet av: CEN/CLC/JTC 16

Voteringsfrist: 28.05.2019

## **FprHD 605-S3:2019**

*Electric cables - Additional test methods*

Språk: en Utarbeidet av: CLC/TC20

Voteringsfrist: 17.05.2019

## **prEN 50702:2019**

*Railway applications - Rolling stock - Third rail current collectors (shoegear): Characteristics and tests*

Språk: en Utarbeidet av: CLC/TC9X

Voteringsfrist: 12.07.2019

## **prEN 60352-4:2019**

*Solderless connections - Part 4: Non-accessible insulation displacement (ID) connections - General requirements, test methods and practical guidance*

Språk: en Utarbeidet av: CLC/SR48B

Voteringsfrist: 12.07.2019

## **prEN IEC 62061:2019**

*Safety of machinery - Functional safety of safety-related control systems*

Språk: en Utarbeidet av: CLC/TC44X

Voteringsfrist: 12.07.2019

## **prEN 50110-2:2019**

*Operation of electrical installations - Part 2: National annexes*

Språk: en Utarbeidet av: CLC/BTTF62-3

Voteringsfrist: 12.07.2019

## **prEN 50325-1:2019**

*Industrial communications subsystem based on ISO 11898 (CAN) for controller-device interfaces - Part 1: General requirements*

Språk: en Utarbeidet av: CLC/TC65X

Voteringsfrist: 14.06.2019

## **prEN 50546:2019**

*Railway applications - Rolling Stock - Three phase shore (external) supply system and connectors for rail vehicles*

Språk: en Utarbeidet av: CLC/TC9X

Voteringsfrist: 21.06.2019

## **prEN 50698:2019**

*Home and Building Electronic Systems (HBES) and BACS - Electrical safety and EMC requirements for radio equipment*

Språk: en Utarbeidet av: CLC/TC205

Voteringsfrist: 28.06.2019

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

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### **prEN IEC 60352-3:2019**

*Solderless connections - Part 3: Accessible insulation displacement (ID) connections - General requirements, test methods and practical guidance*

Språk: en Utarbeidet av: CLC/SR48B

Voteringsfrist: 12.07.2019

### **prEN IEC 61924-2:2019**

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

Språk: en Utarbeidet av: CLC/SR80

Voteringsfrist: 12.07.2019

### **prEN IEC 62828-4:2019**

*Reference conditions and procedures for testing industrial and process measurement transmitters - Part 4: Specific procedures for level transmitters*

Språk: en Utarbeidet av: CLC/TC65X

Voteringsfrist: 12.07.2019

### **prEN IEC 62828-5:2019**

*Reference conditions and procedures for testing Industrial and process measurement transmitters - Part 5: Specific procedures for flow transmitters*

Språk: en Utarbeidet av: CLC/TC65X

Voteringsfrist: 12.07.2019

### **prEN IEC 62885-4:2019**

*Surface cleaning appliances - Part 4: Cordless dry vacuum cleaners for household or similar use - Methods for measuring the performance*

Språk: en Utarbeidet av: CLC/TC59X

Voteringsfrist: 12.07.2019

### **prEN IEC 61169-63:2019**

*Radio frequency connectors - Part 63: Sectional specification - RF coaxial connectors with inner diameter of outer conductor 6,5 mm (0,256 in) with bayonet lock - Characteristic impedance 75 ohms (type BNC)*

Språk: en Utarbeidet av: CLC/SR46F

Voteringsfrist: 12.07.2019

### **prEN IEC 61557-11:2019**

*Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 11: Effectiveness of residual current monitors (RCMs) type A and type B in TT, TN and IT*

Språk: en Utarbeidet av: CLC/TC85X

Voteringsfrist: 12.07.2019

### **prEN IEC 60076-22-7:2019**

*Power transformers - Part 22-7: Power transformer and reactor fittings - Accessories and fittings*

Språk: en Utarbeidet av: CLC/TC14

Voteringsfrist: 28.06.2019

### **prEN IEC 60667-1:2019**

*Vulcanized fibre for electrical purposes - Part 1: Definitions and general requirements*

Språk: en Utarbeidet av: CLC/SR15

Voteringsfrist: 14.06.2019

### **prEN IEC 60667-2:2019**

*Vulcanized fibre for electrical purposes - Part 2: Methods of test*

Språk: en Utarbeidet av: CLC/SR15

Voteringsfrist: 14.06.2019

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

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### **prEN IEC 60667-3-1:2019**

*Vulcanized fibre for electrical purposes - Part 3: Specification for individual materials - Sheet 1: Flat sheets*

Språk: en Utarbeidet av: CLC/SR15

Voteringsfrist: 14.06.2019

### **prEN IEC 60695-5-1:2019**

*Fire hazard testing - Part 5-1: Corrosion damage effects of fire effluent - General guidance - "Proposed horizontal standard"*

Språk: en Utarbeidet av: CLC/SR89

Voteringsfrist: 21.06.2019

### **prEN IEC 60695-6-1:2019**

*Fire hazard testing - Part 6-1: Smoke obscuration - General guidance "Proposed horizontal standard"*

Språk: en Utarbeidet av: CLC/SR89

Voteringsfrist: 21.06.2019

### **prEN IEC 60695-9-2:2019**

*Fire hazard testing - Part 9-2: Surface spread of flame - Summary and relevance of test methods - "Proposed horizontal standard"*

Språk: en Utarbeidet av: CLC/SR89

Voteringsfrist: 21.06.2019

### **prEN IEC 60794-2-50:2019**

*Optical fibre cables - Part 2-50: Indoor optical fibre cables - Family specification for simplex and duplex cables for use in terminated cable assemblies*

Språk: en Utarbeidet av: CLC/TC86A

Voteringsfrist: 05.07.2019

### **prEN IEC 61108-5:2019**

*Maritime navigation and radiocommunication equipment and systems - Global navigation satellite systems (GNSS) - Part 5: BeiDou navigation satellite system (BDS) - Receiver equipment - Performance requirements, methods of testing and required test results*

Språk: en Utarbeidet av: CLC/SR80

Voteringsfrist: 28.06.2019

### **prEN IEC 61169-15:2019**

*Radio-frequency connectors. Part 15: R.F. coaxial connectors with inner diameter of outer conductor 4.13 mm (0.163 in) with screw coupling - Characteristic impedance 50 ohms (Type SMA)*

Språk: en Utarbeidet av: CLC/SR46F

Voteringsfrist: 05.07.2019

### **prEN IEC 61169-1-4:2019**

*Radio-frequency connectors - Part 1-4: Electrical test methods- voltage standing wave ratio, return loss and reflection coefficient*

Språk: en Utarbeidet av: CLC/SR46F

Voteringsfrist: 28.06.2019

### **prEN IEC 61223-3-6:2019**

*Evaluation and routine testing in medical imaging departments - Part 3-6 Acceptance and Constancy tests - Imaging performance of mammographic tomosynthesis mode of operation of mammographic X-Ray equipment*

Språk: en Utarbeidet av: CLC/TC62

Voteringsfrist: 05.07.2019

### **prEN IEC 61243-1:2019**

*Live working - Voltage detectors - Part 1: Capacitive type to be used for voltages exceeding 1 kV a.c.*

Språk: en Utarbeidet av: CLC/TC78

Voteringsfrist: 21.06.2019

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

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### **prEN IEC 61701:2019**

*Salt mist corrosion testing of photovoltaic (PV) modules*

Språk: en Utarbeidet av: CLC/TC82

Voteringsfrist: 05.07.2019

### **prEN IEC 61757-4-3:2019**

*Fibre optic sensors - Part 4-3: Electric current measurement - Polarimetric method*

Språk: en Utarbeidet av: CLC/SR86C

Voteringsfrist: 05.07.2019

### **prEN IEC 61788-4:2019**

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

Språk: en Utarbeidet av: CLC/SR90

Voteringsfrist: 21.06.2019

### **prEN IEC 62271-104:2019**

*High-voltage switchgear and controlgear - Part 104: Alternating current switches for rated voltages higher than 52 kV*

Språk: en Utarbeidet av: CLC/TC17AC

Voteringsfrist: 21.06.2019

### **prEN IEC 62271-106:2019**

*High-voltage switchgear and controlgear - Part 106: Alternating current contactors, contactor-based controllers and motor-starters*

Språk: en Utarbeidet av: CLC/TC17AC

Voteringsfrist: 21.06.2019

### **prEN IEC 62933-5-2:2019**

*Electrical energy storage (EES) systems - Part 5-2: Safety requirements for grid integrated EES systems - electrochemical based systems*

Språk: en Utarbeidet av: CLC/SR120

Voteringsfrist: 14.06.2019

### **prEN IEC 63086:2019**

*Household and similar electrical air cleaning appliances - Measurement of performance - Part 1: General requirements*

Språk: en Utarbeidet av: CLC/TC59X

Voteringsfrist: 14.06.2019

### **prEN IEC 63185:2019**

*Balanced-type circular disk resonator method to measure the complex permittivity of low-loss dielectric substrates*

Språk: en Utarbeidet av: CLC/SR46

Voteringsfrist: 21.06.2019

### **prEN ISO/IEC 17000:2019**

*Conformity assessment - Vocabulary and general principles (ISO/IEC/DIS 17000:2019)*

Språk: en Utarbeidet av: CEN/CLC/JTC 1

Voteringsfrist: 21.06.2019



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

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## **NEK IEC 60050-171 Utgave: 1.0 År: 2019**

*International Electrotechnical Vocabulary (IEV) - Part 171: Digital technology - Fundamental concepts*

Språk: en/fr Utarbeidet av: IEC/TC1

Erstatter NEK IEC 60050-101 Utgave: 2.0 År: 1998; NEK IEC 60050-714 Utgave: 1.0 År: 1992; NEK IEC 60050-714-am3 Utgave: 1.0 År: 2018; NEK IEC 60050-714-am2 Utgave: 1.0 År: 2017; NEK IEC 60050-714-am1 Utgave: 1.0 År: 2016

## **NEK IEC 60076-11/Cor1 Utgave: 2.0 År: 2019**

*Corrigendum 1 - Power transformers - Part 11: Dry-type transformers*

Språk: en/fr Utarbeidet av: IEC/TC14

## **NEK IEC 60079-0 ISH1 Utgave: 7.0 År: 2019**

*Interpretation Sheet 1 - Explosive atmospheres - Part 0: Equipment - General requirements*

Språk: en/fr Utarbeidet av: IEC/TC31

## **NEK IEC 60079-11 ISH4 Utgave: 6.0 År: 2019**

*Interpretation Sheet 4 - Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"*

Språk: en/fr Utarbeidet av: IEC/SC31G

## **NEK IEC 60079-29-1 ISH1 Utgave: 2.0 År: 2019**

*Interpretation Sheet 1 - Explosive atmospheres - Part 29-1: Gas detectors - Performance requirements of detectors for flammable gases*

Språk: en Utarbeidet av: IEC/TC31

## **NEK IEC 60079-29-1 ISH2 Utgave: 2.0 År: 2019**

*Interpretation Sheet 2 - Explosive atmospheres - Part 29-1: Gas detectors - Performance requirements of detectors for flammable gases*

Språk: en Utarbeidet av: IEC/TC31

## **NEK IEC 60086-4 Utgave: 5.0 År: 2019**

*Primary batteries - Part 4: Safety of lithium batteries*

Språk: en/fr Utarbeidet av: IEC/TC35

Erstatter NEK IEC 60086-4 Utgave: 4.0 År: 2014

## **NEK IEC 60086-4 RLV Utgave: 5.0 År: 2019**

*Primary batteries - Part 4: Safety of lithium batteries*

Språk: en Utarbeidet av: IEC/TC35

## **NEK IEC 60193 Utgave: 3.0 År: 2019**

*Hydraulic turbines, storage pumps and pump-turbines - Model acceptance tests*

Språk: en/fr Utarbeidet av: IEC/TC4

Erstatter NEK IEC 60193 Utgave: 2.0 År: 1999

## **NEK IEC 60335-2-11 Utgave: 8.0 År: 2019**

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

Språk: en/fr Utarbeidet av: IEC/TC61

Erstatter NEK IEC 60335-2-11-am1 Utgave: 7.0 År: 2012; NEK IEC 60335-2-11 Utgave: 7.2 År: 2015; NEK IEC 60335-2-11-am2 Utgave: 7.0 År: 2015

## **NEK IEC 60335-2-14-am1 Utgave: 6.0 År: 2019**

*Amendment 1 - Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines*

Språk: en/fr Utarbeidet av: IEC/TC61

## **NEK IEC 60335-2-23-am1 Utgave: 6.0 År: 2019**

*Amendment 1 - Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care*

Språk: en/fr Utarbeidet av: IEC/TC61

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

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## **NEK IEC 60335-2-29-am1 Utgave: 5.0 År: 2019**

*Amendment 1 - Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers*

Språk: en/fr Utarbeidet av: IEC/TC61

## **NEK IEC 60335-2-51 Utgave: 4.0 År: 2019**

*Household and similar electrical appliances - Safety - Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations*

Språk: en/fr Utarbeidet av: IEC/TC61

Erstatter NEK IEC 60335-2-51-am1 Utgave: 3.0 År: 2008; NEK IEC 60335-2-51-am2 Utgave: 3.0 År: 2011; NEK IEC 60335-2-51 Utgave: 3.2 År: 2012

## **NEK IEC 60335-2-11 RLV Utgave: 8.0 År: 2019**

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

Språk: en Utarbeidet av: IEC/TC61

## **NEK IEC 60335-2-14 CSV Utgave: 6.1 År: 2019**

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

Språk: en/fr Utarbeidet av: IEC/TC61

## **NEK IEC 60335-2-23 CSV Utgave: 6.1 År: 2019**

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

Språk: en/fr Utarbeidet av: IEC/TC61

## **NEK IEC 60335-2-29 CSV Utgave: 5.1 År: 2019**

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

Språk: en/fr Utarbeidet av: IEC/TC61

## **NEK IEC 60335-2-51 RLV Utgave: 4.0 År: 2019**

*Household and similar electrical appliances - Safety - Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations*

Språk: en Utarbeidet av: IEC/TC61

## **NEK IEC 60480 Utgave: 3.0 År: 2019**

*Specifications for the re-use of sulphur hexafluoride (SF<sub>6</sub>) and its mixtures in electrical equipment*

Språk: en/fr Utarbeidet av: IEC/TC10

Erstatter NEK IEC 60480 Utgave: 2.0 År: 2004

## **NEK IEC 60633 Utgave: 3.0 År: 2019**

*High-voltage direct current (HVDC) transmission - Vocabulary*

Språk: en/fr Utarbeidet av: IEC/SC22F

Erstatter NEK IEC 60633-am1 Utgave: 2.0 År: 2009; NEK IEC 60633 Utgave: 2.2 År: 2015; NEK IEC 60633-am2 Utgave: 2.0 År: 2015

## **NEK IEC 60633 RLV Utgave: 3.0 År: 2019**

*High-voltage direct current (HVDC) transmission - Vocabulary*

Språk: en Utarbeidet av: IEC/SC22F

## **NEK IEC 60704-2-14-am1 Utgave: 2.0 År: 2019**

*Amendment 1 - Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-14: Particular requirements for refrigerators, frozen-food storage cabinets and food freezers*

Språk: en/fr Utarbeidet av: IEC/SC59M

## **NEK IEC 60704-2-14 CSV Utgave: 2.1 År: 2019**

*Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-14: Particular requirements for refrigerators, frozen-food storage cabinets and food freezers*

Språk: en/fr Utarbeidet av: IEC/SC59M

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## **NEK IEC 60749-17 Utgave: 2.0 År: 2019**

*Semiconductor devices - Mechanical and climatic test methods - Part 17: Neutron irradiation*

Språk: en/fr Utarbeidet av: IEC/TC47

Erstatter NEK IEC 60749-17 Utgave: 1.0 År: 2003

## **NEK IEC 60749-18 Utgave: 2.0 År: 2019**

*Semiconductor devices - Mechanical and climatic test methods - Part 18: Ionizing radiation (total dose)*

Språk: en/fr Utarbeidet av: IEC/TC47

Erstatter NEK IEC 60749-18 Utgave: 1.0 År: 2002

## **NEK IEC 60749-18 RLV Utgave: 2.0 År: 2019**

*Semiconductor devices - Mechanical and climatic test methods - Part 18: Ionizing radiation (total dose)*

Språk: en Utarbeidet av: IEC/TC47

## **NEK IEC 60793-1-40 Utgave: 2.0 År: 2019**

*Optical fibres - Part 1-40: Attenuation measurement methods*

Språk: en/fr Utarbeidet av: IEC/SC86A

Erstatter NEK IEC 60793-1-40 Utgave: 1.0 År: 2001

## **NEK IEC 60793-1-40 RLV Utgave: 2.0 År: 2019**

*Optical fibres - Part 1-40: Attenuation measurement methods*

Språk: en Utarbeidet av: IEC/SC86A

## **NEK IEC 60794-2-11 Utgave: 3.0 År: 2019**

*Optical fibre cables - Part 2-11: Indoor cables - Detailed specification for simplex and duplex cables for use in premises cabling*

Språk: en/fr Utarbeidet av: IEC/SC86A

Erstatter NEK IEC 60794-2-11 Utgave: 2.0 År: 2012

## **NEK IEC 60794-2-21 Utgave: 3.0 År: 2019**

*Optical fibre cables - Part 2-21: Indoor cables - Detailed specification for multi-fibre optical distribution cables for use in premises cabling*

Språk: en/fr Utarbeidet av: IEC/SC86A

Erstatter NEK IEC 60794-2-21 Utgave: 2.0 År: 2012

## **NEK IEC 60794-2-31 Utgave: 3.0 År: 2019**

*Optical fibre cables - Part 2-31: Indoor cables - Detailed specification for optical fibre ribbon cables for use in premises cabling*

Språk: en/fr Utarbeidet av: IEC/SC86A

Erstatter NEK IEC 60794-2-31 Utgave: 2.0 År: 2012

## **NEK IEC 60794-2-11 RLV Utgave: 3.0 År: 2019**

*Optical fibre cables - Part 2-11: Indoor cables - Detailed specification for simplex and duplex cables for use in premises cabling*

Språk: en Utarbeidet av: IEC/SC86A

## **NEK IEC 60794-2-21 RLV Utgave: 3.0 År: 2019**

*Optical fibre cables - Part 2-21: Indoor cables - Detailed specification for multi-fibre optical distribution cables for use in premises cabling*

Språk: en Utarbeidet av: IEC/SC86A

## **NEK IEC 60794-2-31 RLV Utgave: 3.0 År: 2019**

*Optical fibre cables - Part 2-31: Indoor cables - Detailed specification for optical fibre ribbon cables for use in premises cabling*

Språk: en Utarbeidet av: IEC/SC86A

## **NEK IEC 60809-am3 Utgave: 3.0 År: 2019**

*Amendment 1 - Lamps for road vehicles - Dimensional, electrical and luminous requirements*

Språk: en/fr Utarbeidet av: IEC/SC34A

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

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**NEK IEC 60809 CSV Utgave: 3.3 År: 2019**

*Lamps for road vehicles - Dimensional, electrical and luminous requirements*

Språk: en/fr Utarbeidet av: IEC/SC34A

**NEK IEC 60810-am1 Utgave: 5.0 År: 2019**

*Amendment 1 - Lamps, light sources and LED packages for road vehicles - Performance requirements*

Språk: en/fr Utarbeidet av: IEC/SC34A

**NEK IEC 60810 CSV Utgave: 5.1 År: 2019**

*Lamps, light sources and LED packages for road vehicles - Performance requirements*

Språk: en/fr Utarbeidet av: IEC/SC34A

**NEK IEC 60898-3 Utgave: 1.0 År: 2019**

*Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations - Part 3: Circuit-breakers for DC operation*

Språk: en Utarbeidet av: IEC/TC23E

**NEK IEC 61010-2-012 Utgave: 2.0 År: 2019**

*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/fr Utarbeidet av: IEC/TC66

Erstatter NEK IEC 61010-2-012 Utgave: 1.0 År: 2016

**NEK IEC 61010-2-012 RLV Utgave: 2.0 År: 2019**

*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: IEC/TC66

**NEK IEC 61131-10 Utgave: 1.0 År: 2019**

*Programmable controllers - Part 10: PLC open XML exchange format*

Språk: en/fr Utarbeidet av: IEC/SC65B

**NEK IEC 61158-1 Utgave: 2.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 1: Overview and guidance for the IEC 61158 and IEC 61784 series*

Språk: en Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 61158-1 Utgave: 1.0 År: 2014

**NEK IEC 61158-3-12 Utgave: 4.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 3-12: Data-link layer service definition - Type 12 elements*

Språk: en Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 61158-3-12 Utgave: 3.0 År: 2014

**NEK IEC 61158-3-21 Utgave: 2.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 3-21: Data-link layer service definition - Type 21 elements*

Språk: en Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 61158-3-21 Utgave: 1.0 År: 2010

**NEK IEC 61158-3-4 Utgave: 3.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 3-4: Data-link layer service definition - Type 4 elements*

Språk: en Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 61158-3-4 Utgave: 2.0 År: 2014

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**NEK IEC 61158-3-19 Utgave: 4.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 3-19: Data-link layer service definition - Type 19 elements*

Språk: en Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 61158-3-19 Utgave: 3.0 År: 2014

**NEK IEC 61158-3-2-am1 Utgave: 2.0 År: 2019**

*Amendment 1 - Industrial communication networks - Fieldbus specifications - Part 3 - 2: Data-link layer service definition - Type 2 elements*

Språk: en Utarbeidet av: IEC/SC65C

**NEK IEC 61158-3-25 Utgave: 1.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 3-25: Data-link layer service definition - Type X elements*

Språk: en Utarbeidet av: IEC/SC65C

**NEK IEC 61158-4-2 Utgave: 4.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 4-2: Data-link layer protocol specification - Type 2 elements*

Språk: en Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 61158-4-2 Utgave: 3.0 År: 2014

**NEK IEC 61158-4-2 Utgave: 4.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 4-2: Data-link layer protocol specification - Type 2 elements*

Språk: en Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 61158-4-2 Utgave: 3.0 År: 2014

**NEK IEC 61158-4-3 Utgave: 4.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 4-3: Data-link layer protocol specification - Type 3 elements*

Språk: en Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 61158-4-3 Utgave: 3.0 År: 2014

**NEK IEC 61158-4-4 Utgave: 3.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 4-4: Data-link layer protocol specification - Type 4 elements*

Språk: en Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 61158-4-4 Utgave: 2.0 År: 2014

**NEK IEC 61158-4-12 Utgave: 4.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 4-12: Data-link layer protocol specification - Type 12 elements*

Språk: en Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 61158-4-12 Utgave: 3.0 År: 2014

**NEK IEC 61158-4-12 Utgave: 4.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 4-12: Data-link layer protocol specification - Type 12 elements*

Språk: en Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 61158-4-12 Utgave: 3.0 År: 2014

**NEK IEC 61158-4-19 Utgave: 4.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 4 -19: Data-link layer protocol specification - Type 19 elements*

Språk: en Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 61158-4-19 Utgave: 3.0 År: 2014

**NEK IEC 61158-4-19 Utgave: 4.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 4 -19: Data-link layer protocol specification - Type 19 elements*

Språk: en Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 61158-4-19 Utgave: 3.0 År: 2014

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

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**NEK IEC 61158-4-21 Utgave: 2.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 4-21: Data-link layer protocol specification - Type 21 elements*

Språk: en Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 61158-4-21 Utgave: 1.0 År: 2010

**NEK IEC 61158-4-21 Utgave: 2.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 4-21: Data-link layer protocol specification - Type 21 elements*

Språk: en Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 61158-4-21 Utgave: 1.0 År: 2010

**NEK IEC 61158-4-24 Utgave: 2.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 4-24: Data-link layer protocol specification - Type 24 elements*

Språk: en Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 61158-4-24 Utgave: 1.0 År: 2014

**NEK IEC 61158-4-25 Utgave: 1.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 4-25: Data-link layer protocol specification - Type 25 elements*

Språk: en Utarbeidet av: IEC/SC65C

**NEK IEC 61158-5-2 Utgave: 4.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 5-2: Application layer service definition - Type 2 elements*

Språk: en Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 61158-5-2 Utgave: 3.0 År: 2014

**NEK IEC 61158-5-4 Utgave: 3.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 5-4: Application layer service definition - Type 4 elements*

Språk: en Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 61158-5-4 Utgave: 2.0 År: 2014

**NEK IEC 61158-5-10 Utgave: 4.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 5-10: Application layer service definition - Type 10 elements*

Språk: en Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 61158-5-10 Utgave: 3.0 År: 2014

**NEK IEC 61158-5-12 Utgave: 4.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 5-12: Application layer service definition - Type 12 elements*

Språk: en Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 61158-5-12 Utgave: 3.0 År: 2014

**NEK IEC 61158-5-19 Utgave: 4.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 5-19: Application layer service definition - Type 19 elements*

Språk: en Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 61158-5-19 Utgave: 3.0 År: 2014

**NEK IEC 61158-5-21 Utgave: 2.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 5-21: Application layer service definition - Type 21 elements*

Språk: en Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 61158-5-21 Utgave: 1.0 År: 2010

**NEK IEC 61158-5-23 Utgave: 2.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 5-23: Application layer service definition - Type 23 elements*

Språk: en Utarbeidet av: IEC/SC65C

Erstatter NEK IEC 61158-5-23 Utgave: 1.0 År: 2014

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

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**NEK IEC 61158-5-25 Utgave: 1.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 5-25: Application layer service definition - Type 25 elements*  
Språk: en Utarbeidet av: IEC/SC65C

**NEK IEC 61158-5-26 Utgave: 1.0 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 5-26: Application layer service definition - Type 26 elements*  
Språk: en Utarbeidet av: IEC/SC65C

**NEK IEC 61158-3-2 CSV Utgave: 2.1 År: 2019**

*Industrial communication networks - Fieldbus specifications - Part 3 - 2: Data-link layer service definition - Type 2 elements*  
Språk: en Utarbeidet av: IEC/SC65C

**NEK IEC 61167/Cor1 Utgave: 4.0 År: 2019**

*Corrigendum 1 - Metal halide lamps - Performance specification*  
Språk: en/fr Utarbeidet av: IEC/SC34A

**NEK IEC 61315 Utgave: 3.0 År: 2019**

*Calibration of fibre-optic power meters*  
Språk: en/fr Utarbeidet av: IEC/TC86  
Erstatter NEK IEC 61315 Utgave: 2.0 År: 2005

**NEK IEC 61315 RLV Utgave: 3.0 År: 2019**

*Calibration of fibre-optic power meters*  
Språk: en Utarbeidet av: IEC/TC86

**NEK IEC 61400-3-1 Utgave: 1.0 År: 2019**

*Wind energy generation systems - Part 3-1: Design requirements for fixed offshore wind turbines*  
Språk: en Utarbeidet av: IEC/TC88

**NEK IEC 61747-40-1 Utgave: 2.0 År: 2019**

*Liquid crystal display devices - Part 40-1: Mechanical testing of display cover glass for mobile devices - Guidelines*  
Språk: en Utarbeidet av: IEC/TC110  
Erstatter NEK IEC 61747-40-1 Utgave: 1.0 År: 2013

**NEK IEC 61747-40-1 RLV Utgave: 2.0 År: 2019**

*Liquid crystal display devices - Part 40-1: Mechanical testing of display cover glass for mobile devices - Guidelines*  
Språk: en Utarbeidet av: IEC/TC110

**NEK IEC 61754-7-3 Utgave: 1.0 År: 2019**

*Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 7-3: Type MPO connector family - Two fibre rows 16 fibre wide*  
Språk: en/fr Utarbeidet av: IEC/SC86B

**NEK IEC 61784-1 Utgave: 5.0 År: 2019**

*Industrial communication networks - Profiles Part 1: Fieldbus profiles*  
Språk: en Utarbeidet av: IEC/SC65C  
Erstatter NEK IEC 61784-1 Utgave: 4.0 År: 2014

**NEK IEC 61784-2 Utgave: 4.0 År: 2019**

*Industrial communication networks - Profiles - Part 2: Additional fieldbus profiles for real-time networks based on ISO/IEC/IEEE 8802-3*  
Språk: en Utarbeidet av: IEC/SC65C  
Erstatter NEK IEC 61784-2 Utgave: 3.0 År: 2014

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

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## **NEK IEC 61892-1 Utgave: 4.0 År: 2019**

*Mobile and fixed offshore units - Electrical installations - Part 1: General requirements and conditions*

Språk: en/fr Utarbeidet av: IEC/TC18

Erstatter NEK IEC 61892-1 Utgave: 3.0 År: 2015

## **NEK IEC 61892-2 Utgave: 3.0 År: 2019**

*Mobile and fixed offshore units - Electrical installations - Part 2: System design*

Språk: en/fr Utarbeidet av: IEC/TC18

Erstatter NEK IEC 61892-2 Utgave: 2.0 År: 2012; NEK IEC 61892-2/Cor1 Utgave: 2.0 År: 2013

## **NEK IEC 61892-3 Utgave: 4.0 År: 2019**

*Mobile and fixed offshore units - Electrical installations - Part 3: Equipment*

Språk: en/fr Utarbeidet av: IEC/TC18

Erstatter NEK IEC 61892-3 Utgave: 3.0 År: 2012

## **NEK IEC 61892-4 Utgave: 2.0 År: 2019**

*Mobile and fixed offshore units - Electrical installations - Part 4: Cables*

Språk: en/fr Utarbeidet av: IEC/TC18

Erstatter NEK IEC 61892-4 Utgave: 1.0 År: 2007

## **NEK IEC 61892-5 Utgave: 4.0 År: 2019**

*Mobile and fixed offshore units - Electrical installations - Part 5: Mobile units*

Språk: en/fr Utarbeidet av: IEC/TC18

Erstatter NEK IEC 61892-5 Utgave: 3.0 År: 2014

## **NEK IEC 61892-6 Utgave: 4.0 År: 2019**

*Mobile and fixed offshore units - Electrical installations - Part 6: Installation*

Språk: en/fr Utarbeidet av: IEC/TC18

Erstatter NEK IEC 61892-6 Utgave: 3.0 År: 2013

## **NEK IEC 61892-7 Utgave: 4.0 År: 2019**

*Mobile and fixed offshore units - Electrical installations - Part 7: Hazardous areas*

Språk: en/fr Utarbeidet av: IEC/TC18

Erstatter NEK IEC 61892-7 Utgave: 3.0 År: 2014

## **NEK IEC 61892-1 RLV Utgave: 4.0 År: 2019**

*Mobile and fixed offshore units - Electrical installations - Part 1: General requirements and conditions*

Språk: en Utarbeidet av: IEC/TC18

## **NEK IEC 61952-1 Utgave: 1.0 År: 2019**

*Insulators for overhead lines - Composite line post insulators for AC systems with a nominal voltage greater than 1 000 V - Part 1: definitions, end fittings and designations*

Språk: en Utarbeidet av: IEC/TC36

## **NEK IEC 62047-31 Utgave: 1.0 År: 2019**

*Semiconductor devices - Micro-electromechanical devices - Part 31: Four-point bending test method for interfacial adhesion energy of layered MEMS materials*

Språk: en Utarbeidet av: IEC/SC47F

## **NEK IEC 62047-33 Utgave: 1.0 År: 2019**

*Semiconductor devices - Micro-electromechanical devices - Part 33: MEMS piezoresistive pressure-sensitive device*

Språk: en Utarbeidet av: IEC/SC47F



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

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**NEK IEC 62047-34 Utgave: 1.0 År: 2019**

*Semiconductor devices - Micro-electromechanical devices - Part 34: Test methods for MEMS piezoresistive pressure-sensitive device on wafer*

Språk: en Utarbeidet av: IEC/SC47F

**NEK IEC 62047-36 Utgave: 1.0 År: 2019**

*Semiconductor devices – Micro-electromechanical devices – Part 36: Environmental and dielectric withstand test methods for MEMS piezoelectric thin films*

Språk: en Utarbeidet av: IEC/SC47F

**NEK IEC 62271-109 Utgave: 3.0 År: 2019**

*High-voltage switchgear and controlgear - Part 109: Alternating-current series capacitor by-pass switches*

Språk: en/fr Utarbeidet av: IEC/SC17A

Erstatter NEK IEC 62271-109 Utgave: 2.1 År: 2013; NEK IEC 62271-109-am1 Utgave: 2.0 År: 2013

**NEK IEC 62271-109 RLV Utgave: 3.0 År: 2019**

*High-voltage switchgear and controlgear - Part 109: Alternating-current series capacitor by-pass switches*

Språk: en Utarbeidet av: IEC/SC17A

**NEK IEC 62281 Utgave: 4.0 År: 2019**

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

Språk: en/fr Utarbeidet av: IEC/TC35

Erstatter NEK IEC 62281 Utgave: 3.0 År: 2016

**NEK IEC 62281 RLV Utgave: 4.0 År: 2019**

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

Språk: en Utarbeidet av: IEC/TC35

Erstatter NEK IEC 62281 RLV Utgave: 3.0 År: 2016

**NEK IEC 62629-12-2 Utgave: 1.0 År: 2019**

*3D display devices - Part 12-2: Measuring methods for stereoscopic displays using glasses - Motion blur*

Språk: en/fr Utarbeidet av: IEC/TC110

**NEK IEC 62631-3-4 Utgave: 1.0 År: 2019**

*Dielectric and resistive properties of solid insulating materials - Part 3-4: Determination of resistive properties (DC methods) - Volume resistance and volume resistivity at elevated temperatures*

Språk: en/fr Utarbeidet av: IEC/TC112

Erstatter NEK IEC 60345 Utgave: 1.0 År: 1971

**NEK IEC 62881/Cor1 Utgave: 1.0 År: 2019**

*Corrigendum 1 - Cause and effect matrix*

Språk: en/fr Utarbeidet av: IEC/TC65

**NEK IEC 62892 Utgave: 1.0 År: 2019**

*Extended thermal cycling of PV modules - Test procedure*

Språk: en/fr Utarbeidet av: IEC/TC82

**NEK IEC 62951-2 Utgave: 1.0 År: 2019**

*Semiconductor devices - Flexible and stretchable semiconductor devices - Part 2: Evaluation method for electron mobility, sub-threshold swing and threshold voltage of flexible devices*

Språk: en/fr Utarbeidet av: IEC/TC47

**NEK IEC 63093-12 Utgave: 1.0 År: 2019**

*Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 12: Ring-cores*

Språk: en/fr Utarbeidet av: IEC/TC51

Erstatter NEK IEC 62317-12 Utgave: 1.0 År: 2016; NEK IEC 60424-4 Utgave: 2.0 År: 2015

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

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**NEK IEC 63093-14 Utgave: 1.0 År: 2019**

*Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 14: EFD-cores*

Språk: en/fr Utarbeidet av: IEC/TC51

Erstatter NEK IEC 62317-14 Utgave: 1.0 År: 2008

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

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**NEK IEC/TR 62357-2 Utgave: 1.0 År: 2019**

*Power systems management and associated information exchange - Part 2: Use Cases and role model*

Språk: en Utarbeidet av: IEC/TC57

**NEK IEC/TR 62595-1-3 Utgave: 1.0 År: 2019**

*Display lighting unit "Part 1-3: Lighting units with arbitrary shapes*

Språk: en Utarbeidet av: IEC/TC110

**NEK IEC/TR 62669 Utgave: 2.0 År: 2019**

*Case studies supporting IEC 62232 - Determination of RF field strength, power density and SAR in the vicinity of radiocommunication base stations for the purpose of evaluating human exposure*

Språk: en Utarbeidet av: IEC/TC106

Erstatter NEK IEC/TR 62669 Utgave: 1.0 År: 2011

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

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**NEK IEC/TS 60079-42 Utgave: 1.0 År: 2019**

*Explosive atmospheres - Part 42: Electrical safety devices for the control of potential ignition sources for Ex-Equipment*

Språk: en/fr Utarbeidet av: IEC/TC31

**NEK IEC/TS 61400-3-2 Utgave: 1.0 År: 2019**

*Wind energy generation systems - Part 3-2: Design requirements for floating offshore wind turbines*

Språk: en Utarbeidet av: IEC/TC88

**NEK IEC/TS 61850-2 Utgave: 2.0 År: 2019**

*Communication networks and systems for power utility automation - Part 2: Glossary*

Språk: en Utarbeidet av: IEC/TC57

Erstatter NEK IEC/TS 61850-2 Utgave: 1.0 År: 2003

**NEK IEC/TS 62341-6-5 Utgave: 1.0 År: 2019**

*Organic light emitting diode (OLED) displays - Part 6-5: Measuring methods of dynamic range properties*

Språk: en Utarbeidet av: IEC/TC110

**NEK IEC/TS 62600-1-am1 Utgave: 1.0 År: 2019**

*Amendment 1 - Marine energy - Wave, tidal and other water current converters - Part 1: Terminology*

Språk: en Utarbeidet av: IEC/TC114/PT62600-100

**NEK IEC/TS 62600-1 CSV Utgave: 1.1 År: 2019**

*Marine energy - Wave, tidal and other water current converters - Part 1: Terminology*

Språk: en Utarbeidet av: IEC/TC114/PT62600-100

### **NEK 591:2019**

Flammehemmede, halogenfrie kabler, merkespenning inntil 500 V

*Flame retardant, halogen-free cables, rated voltage up to 500 V*

Språk: no Utarbeidet av: NEK/NK20

Erstatter NEK 591:2012

# Fastsatte norske europainormer

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## **NEK CLC/TS 50677:2019**

*Clothes washing machines and washer-dryers for household and similar use - Method for the determination of rinsing effectiveness by measurement of the surfactant content at textile materials*

Språk: en Utarbeidet av: CLC/TC59X

## **NEK EN 16602-70-38:2019**

*Space product assurance - High-reliability soldering for surface-mount and mixed technology*

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

## **NEK EN 16603-33-01:2019**

*Space engineering - Mechanisms*

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

## **NEK EN 16603-33-11:2019**

*Space engineering - Explosive subsystems and devices*

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

## **NEK EN 50117-1:2019**

Koaksialkabler - Del 1: Generisk spesifikasjon

*Coaxial cables - Part 1: Generic specification*

Språk: en Utarbeidet av: CLC/TC46X

Erstatter NEK EN 50117-1:2002/A1:2006; NEK EN 50117-1:2002; NEK EN 50117-1:2002/A2:2013

## **NEK EN 50117-9-1:2019**

Koaksialkabler - Del 9-1: Rammespesifikasjon for koaksialkabler til analog og digital signaltransmission - Innendørs droppkabler for bruk i systemer som opererer ved frekvenser mellom 5 MHz og 1000 MHz

*Coaxial cables - Part 9-1: Sectional specification for coaxial cables for analogue and digital signal transmission - Indoor drop cables for systems operating at 5 MHz - 1 000 MHz*

Språk: en Utarbeidet av: CLC/TC46X

Erstatter NEK EN 50117-2-1:2005/A1:2008; NEK EN 50117-2-1:2005; NEK EN 50117-2-1:2005/A2:2013

## **NEK EN 50117-9-2:2019**

Koaksialkabler - Del 9-2: Rammespesifikasjon for koaksialkabler til analog og digital signaltransmission - Innendørs droppkabler for systemer som opererer ved frekvenser mellom 5 MHz og 3 000 MHz

*Coaxial cables - Part 9-2: Sectional specification for coaxial cables for analogue and digital signal transmission - Indoor drop cables for systems operating at 5 MHz - 3 000 MHz*

Språk: en Utarbeidet av: CLC/TC46X

Erstatter NEK EN 50117-4-1:2008; NEK EN 50117-2-4:2004/A1:2008; NEK EN 50117-2-4:2004; NEK EN 50117-4-1:2008/A1:2013; NEK EN 50117-2-4:2004/A2:2013

## **NEK EN 50117-9-3:2019**

Koaksialkabler -Del 9-3: Rammespesifikasjon for koaksialkabler til analog og digital signaltransmission - Innendørs droppkabler for systemer som opererer ved frekvenser mellom 5 MHz og 6 000 MHz

*Coaxial cables - Part 9-3: Sectional specification for coaxial cables for analogue and digital signal transmission - Indoor drop cables for systems operating at 5 MHz - 6 000 MHz*

Språk: en Utarbeidet av: CLC/TC46X

Erstatter NEK EN 50117-4-2:2015

## **NEK EN 50117-10-1:2019**

Koaksialkabler - Del 10-1: Rammespesifikasjon for koaksialkabler til analog og digital signaltransmission -Utendørs droppkabler for bruk i systemer som opererer ved frekvenser mellom 5 MHz og 1 000 MHz

*Coaxial cables - Part 10-1: Sectional specification for coaxial cables for analogue and digital signal transmission - Outdoor drop cables for systems operating at 5 MHz - 1 000 MHz*

Språk: en Utarbeidet av: CLC/TC46X

Erstatter NEK EN 50117-2-2:2004; NEK EN 50117-2-2:2004/A1:2008; NEK EN 50117-2-2:2004/A2:2013

### **NEK EN 50117-10-2:2019**

Koaksialkabler - Del 10-2: Rammespesifikasjon for koaksialkabler til analog og digital signaltransmission - Utendørs droppkabler for systemer som opererer ved frekvenser mellom 5 MHz og 3 000 MHz

*Coaxial cables - Part 10-2: Sectional specification for coaxial cables for analogue and digital signal transmission - Outdoor drop cables for systems operating at 5 MHz - 3 000 MHz*

Språk: en Utarbeidet av: CLC/TC46X

Erstatter NEK EN 50117-2-5:2004; NEK EN 50117-2-5:2004/A1:2008; NEK EN 50117-2-5:2004/A2:2013

### **NEK EN 50117-11-1:2019**

Koaksialkabler - Del 11-1: Rammespesifikasjon for koaksialkabler til analog og digital signaltransmission - Distribusjons- og kanalkabler for systemer som opererer ved frekvenser mellom 5 MHz og 1 000 MHz

*Coaxial cables - Part 11-1: Sectional specification for coaxial cables for analogue and digital signal transmission - Distribution and trunk cables for systems operating at 5 MHz - 1 000 MHz*

Språk: en Utarbeidet av: CLC/TC46X

Erstatter NEK EN 50117-2-3:2004; NEK EN 50117-2-3:2004/A1:2008; NEK EN 50117-2-3:2004/A2:2013

### **NEK EN 50117-11-2:2019**

Koaksialkabler - Del 11-2: Rammespesifikasjon for koaksialkabler til analog og digital signaltransmission - Distribusjons- og kanalkabler for systemer som opererer ved frekvenser mellom 5 MHz og 2 000 MHz

*Coaxial cables - Part 11-2: Sectional specification for coaxial cables for analogue and digital signal transmission - Distribution and trunk cables for systems operating at 5 MHz - 2 000 MHz*

Språk: en Utarbeidet av: CLC/TC46X

### **NEK EN 50121-4:2016/A1:2019**

*Railway applications - Electromagnetic compatibility - Part 4: Emission and immunity of the signalling and telecommunications apparatus*

Språk: en Utarbeidet av: CLC/TC9X

### **NEK EN 50121-5:2017/A1:2019**

*Railway applications - Electromagnetic compatibility - Part 5: Emission and immunity of fixed power supply installations and apparatus*

Språk: en Utarbeidet av: CLC/TC9X

### **NEK EN 50121-3-1:2017/A1:2019**

*Railway applications - Electromagnetic compatibility - Part 3-1: Rolling stock - Train and complete vehicle*

Språk: en Utarbeidet av: CLC/TC9X

### **NEK EN 50121-3-2:2016/A1:2019**

*Railway applications - Electromagnetic compatibility - Part 3-2: Rolling stock - Apparatus*

Språk: en Utarbeidet av: CLC/TC9X

### **NEK EN 50377-18-1:2019**

*Connector sets and interconnect components to be used in optical fibre communication systems - Product specifications - Part 18-1: type 4+4x10.3125 Gb/s MPO (QFSP) transceiver mated with an MPO connector equipped with 12 fibre PPS ferrules terminated on E*

Språk: en Utarbeidet av: CLC/TC86BXA

### **NEK EN 50549-1:2019/AC:2019-04**

*Requirements for generating plants to be connected in parallel with distribution networks - Part 1: Connection to a LV distribution network - Generating plants up to and including Type B*

Språk: en Utarbeidet av: CLC/TC8X

### **NEK EN 50549-2:2019/AC:2019-03**

*Requirements for generating plants to be connected in parallel with distribution networks - Part 2: Connection to a MV distribution network - Generating plants up to and including Type B*

Språk: en Utarbeidet av: CLC/TC8X

# Fastsatte norske europaanormer

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## **NEK EN 50551-1:2019**

*Simplex and duplex cables for use in terminated cable assemblies - Part 1: Blank Detail Specification and minimum requirements*

Språk: en Utarbeidet av: CLC/TC86A

Erstatter NEK EN 50551-1:2011

## **NEK EN 60674-2:2017/A1:2019**

*Specification for plastic films for electrical purposes - Part 2: Methods of test*

Språk: en Utarbeidet av: CLC/SR15

## **NEK EN 60691:2016/A1:2019**

*Thermal-links - Requirements and application guide*

Språk: en Utarbeidet av: CLC/SR32C

## **NEK EN 60730-1:2016/A1:2019**

*Automatic electrical controls - Part 1: General requirements*

Språk: en Utarbeidet av: CLC/TC72

## **NEK EN 60730-2-5:2015/A1:2019**

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

Språk: en Utarbeidet av: CLC/TC72

## **NEK EN 62717:2017/A2:2019**

*LED modules for general lighting - Performance requirements*

Språk: en Utarbeidet av: CLC/TC34

## **NEK EN IEC 62343-1:2019**

*Dynamic modules - Part 1: Performance standards - General conditions*

Språk: en Utarbeidet av: CLC/SR86C

Erstatter NEK EN 62343-1:2016

## **NEK EN IEC 62433-1:2019**

*EMC IC modelling - Part 1: General modelling framework*

Språk: en Utarbeidet av: CLC/SR47A

## **NEK EN IEC 62909-2:2019**

*Bi-directional grid-connected power converters - Part 2: Interface of GCPC and distributed energy resources*

Språk: en Utarbeidet av: CLC/TC22X

## **NEK EN IEC 62966-1:2019**

*Mechanical structures for electrical and electronic equipment - Aisle containment for IT cabinets - Part 1: Dimensions and mechanical requirements*

Språk: en Utarbeidet av: CLC/SR48D

## **NEK EN IEC 63093-4:2019**

*Ferrittkjerter - Veiledning for dimensjoner og grenser for overflate-uregelmessigheter - Del 4: RM-kjerner*

*Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 4: RM-cores*

Språk: en Utarbeidet av: CLC/SR51

Erstatter NEK EN 62317-4:2005; NEK EN 60424-2:2016

## **NEK EN 50131-4:2019**

*Alarm systems - Intrusion and hold-up systems - Part 4: Warning devices*

Språk: en Utarbeidet av: CLC/TC79

Erstatter NEK EN 50131-4:2009



# Fastsatte norske europainormer

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## **NEK EN 50620:2017/A1:2019**

*Electric cables - Charging cables for electric vehicles*

Språk: en Utarbeidet av: CLC/TC20

## **NEK EN IEC 60825-12:2019**

*Sikkerhetskrav til laserprodukter - Del 12: Sikkerhet for frittstående optiske kommunikasjonssystemer benyttet for utsendelse av informasjon*

*Safety of laser products - Part 12: Safety of free space optical communication systems used for transmission of information*

Språk: en Utarbeidet av: CLC/TC76

Erstatter NEK EN 60825-12:2004

## **NEK EN 50632-1:2015/A1:2019**

*Electric motor-operated tools - Dust measurement Procedure - Part 1: General requirements*

Språk: en Utarbeidet av: CLC/TC116

## **NEK EN IEC 60974-2:2019**

*Lysbue sveising - Del 2: Flytende kjøle system*

*Arc welding equipment - Part 2: Liquid cooling systems*

Språk: en Utarbeidet av: CLC/TC26

Erstatter NEK EN 60974-2:2013

## **NEK EN IEC 60974-5:2019**

*Lysbuesveisingens utstyr - Del 5: Trådmating*

*Arc welding equipment - Part 5: Wire feeders*

Språk: en Utarbeidet av: CLC/TC26

Erstatter NEK EN 60974-5:2013

## **NEK EN 61439-3:2012/AC:2019-04**

*Low-voltage switchgear and controlgear assemblies - Part 3: Distribution boards intended to be operated by ordinary persons (DBO)*

Språk: en Utarbeidet av: CLC/SR121B

## **NEK EN 60061-1:1993/A58:2018/AC:2019-04**

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

Språk: en Utarbeidet av: CLC/TC34

## **NEK EN 61010-1:2010/A1:2019/AC:2019-04**

*Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements*

Språk: en Utarbeidet av: CLC/TC66X

## **NEK EN 50129:2018/AC:2019-04**

*Railway applications - Communication, signalling and processing systems - Safety related electronic systems for signalling*

Språk: en Utarbeidet av: CLC/TC9X

## **NEK EN IEC 60027-2:2019**

*Letter symbols to be used in electrical technology - Part 2: Telecommunications and electronics*

Språk: en Utarbeidet av: CLC/SR25

Erstatter NEK EN 60027-2:2007

## **NEK EN IEC 60076-22-3:2019**

*Power transformers - Part 22-3: Power transformer and reactor fittings - Insulating liquid to air heat exchangers*

Språk: en Utarbeidet av: CLC/TC14

## **NEK EN IEC 60076-22-4:2019**

*Power transformers - Part 22-4: Power transformer and reactor fittings - Insulating liquid to water heat exchangers*

Språk: en Utarbeidet av: CLC/TC14

# Fastsatte norske europaanormer

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## **NEK EN IEC 60079-15:2019**

*Explosive atmospheres - Part 15: Equipment protection by type of protection "n"*

Språk: en Utarbeidet av: CLC/TC31

Erstatter NEK EN 60079-15:2010

## **NEK EN IEC 60255-181:2019**

*Measuring relays and protection equipment - Part 181: Functional requirements for frequency protection*

Språk: en Utarbeidet av: CLC/TC95X

## **NEK EN IEC 60512-99-002:2019**

*Connectors for electrical and electronic equipment - Tests and measurements - Part 99-002: Endurance test schedules - Test 99b: Test schedule for unmating under electrical load*

Språk: en Utarbeidet av: CLC/SR48B

## **NEK EN IEC 60534-3-1:2019**

Reguleringsventiler for industrielle prosesser - Del 3: Dimensjoner Seksjon 1: Flatedimensjoner for rette vinklede ventiler med flenser

*Industrial-process control valves - Part 3-1: Dimensions - Face-to-face dimensions for flanged, two-way, globe-type, straight pattern and centre-to-face dimensions for flanged, two-way, globe-type, angle pattern control valves*

Språk: en Utarbeidet av: CLC/TC65X

Erstatter NEK EN 60534-3-1:2000/Cor.; NEK EN 60534-3-1:2000

## **NEK EN IEC 60730-2-12:2019**

Automatiske, elektriske kontrollorganer for husholdnings - Part 2-12: Spesielle krav til elektrisk styrte dørlåser

*Automatic electrical controls - Part 2-12: Particular requirements for electrically operated door locks*

Språk: en Utarbeidet av: CLC/TC72

Erstatter NEK EN 60730-2-12:2006; NEK EN 60730-2-12:2006/A11:2008

## **NEK EN IEC 60730-2-15:2019**

*Automatic electrical controls - Part 2-15: Particular requirements for automatic electrical air flow, water flow and water level sensing controls*

Språk: en Utarbeidet av: CLC/TC72

Erstatter NEK EN 60730-2-15:2010; NEK EN 60730-2-16:1997/A11:2005

## **NEK EN IEC 60793-1-31:2019**

*Optical fibres - Part 1-31: Measurement methods and test procedures - Tensile strength*

Språk: en Utarbeidet av: CLC/TC86A

Erstatter NEK EN 60793-1-31:2010

## **NEK EN IEC 60966-1:2019**

*Radio frequency and coaxial cable assemblies - Part 1: Generic specification - General requirements and test methods*

Språk: en Utarbeidet av: CLC/TC46X

Erstatter NEK EN 60966-1:1999

## **NEK EN IEC 60974-1:2018/A1:2019**

*Arc welding equipment - Part 1: Welding power sources*

Språk: en Utarbeidet av: CLC/TC26

## **NEK EN IEC 61400-1:2019**

*Wind energy generation systems - Part 1: Design requirements*

Språk: en Utarbeidet av: CLC/TC88

Erstatter NEK EN 61400-1:2005/A1:2010; NEK EN 61400-1:2005

## Fastsatte norske europanormer

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### **NEK EN IEC 61968-4:2019**

Applikasjonsintegrering i elektriske innretninger - Systemgrensesnitt for distribusjonsledelse - Del 4: Grensesnitt for protokoller og aktivstyring

*Application integration at electric utilities - System interfaces for distribution management - Part 4: Interfaces for records and asset management*

Språk: en Utarbeidet av: CLC/TC/57

Erstatter NEK EN 61968-4:2007

### **NEK EN IEC 62271-209:2019**

Høyspennings koblings- og kontrollanlegg - Del: 209: Kabel tilkobling for gass isolerte metallkapslede koblings for spenninger over 52kV - væske fyllte og ekstruerte isolerte kabler- Væske fyllte og tørre kabel termineringer

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

Språk: en Utarbeidet av: CLC/TC17AC

Erstatter NEK EN 62271-209:2007

### **NEK EN IEC 62443-2-4:2019**

*Security for industrial automation and control systems - Part 2-4: Security program requirements for IACS service providers*

Språk: en Utarbeidet av: CLC/TC65X

### **NEK EN IEC 62443-2-4:2019/A1:2019**

*Security for industrial automation and control systems - Part 2-4: Security program requirements for IACS service providers*

Språk: en Utarbeidet av: CLC/TC65X

### **NEK EN IEC 62443-3-3:2019**

*Industrial communication networks - Network and system security - Part 3-3: System security requirements and security levels*

Språk: en Utarbeidet av: CLC/TC65X

### **NEK EN IEC 62443-3-3:2019**

*Industrial communication networks - Network and system security - Part 3-3: System security requirements and security levels*

Språk: en Utarbeidet av: CLC/TC65X

### **NEK EN IEC 62443-4-2:2019**

*Security for industrial automation and control systems - Part 4-2: Technical security requirements for IACS components*

Språk: en Utarbeidet av: CLC/TC65X

### **NEK EN IEC 62496-4-1:2019**

*Optical circuit boards - Part 4-1: Interface standards - Terminated waveguide OCB assembly using single-row twelve-channel PMT connectors*

Språk: en Utarbeidet av: CLC/SR86

### **NEK EN IEC 62902:2019**

*Secondary cells and batteries - Marking symbols for identification of their chemistry*

Språk: en Utarbeidet av: CLC/TC21X

### **NEK EN IEC 63093-13:2019**

*Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 13: PQ-cores*

Språk: en Utarbeidet av: CLC/SR51

Erstatter NEK EN 60424-8:2015; NEK EN 62317-13:2015

### **NEK IEC 62311 Utgave: 2.0 År: 2019**

*Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz to 300 GHz)*

Språk: en/fr Utarbeidet av: IEC/TC106

Erstatter NEK IEC 62311 Utgave: 1.0 År: 2007

## **Fastsatte norske harmoniseringsnormer**

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### **NEK HD 60364-7-711:2019**

*Low-voltage electrical installations - Part 7-711: Requirements for special installations or locations - Exhibitions, shows and stands*

Språk: en Utarbeidet av: CLC/TC64

### **NEK HD 60364-7-709:2009/A12:2019**

*Low-voltage electrical installations - Part 7-709: Requirements for special installations or locations - Harbours, marinas and similar locations - Special requirements for shore supply to ships*

Språk: en Utarbeidet av: CLC/TC64

### **NEK HD 60364-7-709:2009/A12:2019**

*Low-voltage electrical installations - Part 7-709: Requirements for special installations or locations - Harbours, marinas and similar locations - Special requirements for shore supply to ships*

Språk: en Utarbeidet av: CLC/TC64