NEK EN 60601 serien, Elektromedisinsk utstyr

Over hele verden brukes IEC 60601 serien som grunnlag for utvikling, produksjon og installasjon av Elektromedisisk utstyr.
Serien er i ca. 60 deler og omhandler sikkerhet-, funksjonalitet/ytelse-, og grunnleggende- egenskaper.

- Del 1 serien omhandler generelle forhold (general)
- Del 2 serien omhandler spesielle forhold (particular)

Del 1 foreligger nå samlet, og selges rabattert i en pakke ”IEC 60601-1-SER ed 1.0”.

Deltakelse i NEKs Normkomiteer gir medlemmene en nøkkelposisjon til å påvirke og fange opp endringer og utvidelser tidlig i standardiseringsprosessene.

NEK har over 500 medlemmer fordelt på 160 normkomiteer. NEK har en nasjonal normkomite (speilkomite)NK for hver teknisk komite i IEC og CENELEC.

NK 62 behandler 60601 serien i Norge.

IEC 60601-1 serien	
IEC 60601-1-1 EN 60601-1-1	MEDICAL ELECTRICAL EQUIPMENT - PART 1: GENERAL REQUIREMENTS FOR SAFETY 1: COLLATERAL STANDARD: SAFETY REQUIREMENTS FOR MEDICAL ELECTRICAL SYSTEMS
IEC 60601-1-2 EN 60601-1-2	MEDICAL ELECTRICAL EQUIPMENT - PART 1: GENERAL REQUIREMENTS FOR SAFETY 2. COLLATERAL STANDARD: ELECTROMAGNETIC COMPATIBILITY - REQUIREMENTS AND TESTS
IEC 60601-1-3 EN 60601-1-3	MEDICAL ELECTRICAL EQUIPMENT - PART 1: GENERAL REQUIREMENTS FOR SAFETY - COLLATERAL STANDARD: GENERAL REQUIREMENTS FOR RADIATION PROTECTION IN DIAGNOSTIC X-RAY EQUIPMENT
IEC 60601-1-4 EN 60601-1-4	MEDICAL ELECTRICAL EQUIPMENT: PART 1-4: GENERAL REQUIREMENTS FOR COLLATERAL STANDARD: PROGRAMMABLE ELECTRICAL MEDICAL SYSTEMS
IEC 60601-1-6 EN 60601-1-6	MEDICAL ELECTRICAL EQUIPMENT - PART 1-6: GENERAL REQUIREMENTS FOR SAFETY - COLLATERAL STANDARD: USABILITY
IEC 60601-1-8 EN 60601-1-8	MEDICAL ELECTRICAL EQUIPMENT - - PART 1-8: GENERAL REQUIREMENTS FOR SAFETY - COLLATERAL STANDARD: GENERAL REQUIREMENTS, TESTS AND GUIDANCE FOR ALARM SYSTEMS IN MEDICAL ELECTRICAL EQUIPMENT AND MEDICAL ELECTRICAL SYSTEM
IEC 60601-1-9 EN 60601-1-9	MEDICAL ELECTRICAL EQUIPMENT - - PART 1-9: GENERAL REQUIREMENTS FOR BASIC SAFETY AND ESSENTIAL PERFORMANCE - COLLATERAL STANDARD: REQUIREMENTS FOR ENVIRONMENTALLY CONSCIOUS DESIGN

IEC 60601-1-10 EN 60601-1-10	MEDICAL ELECTRICAL EQUIPMENT -- PART 1-10: GENERAL REQUIREMENTS FOR BASIC SAFETY AND ESSENTIAL PERFORMANCE - COLLATERAL STANDARD: REQUIREMENTS FOR THE DEVELOPMENT OF PHYSIOLOGIC CLOSED-LOOP CONTROLLERS
IEC 60601-1-11 EN 60601-1-11	MEDICAL ELECTRICAL EQUIPMENT -- PART 1-11: GENERAL REQUIREMENTS FOR BASIC SAFETY AND ESSENTIAL PERFORMANCE - COLLATERAL STANDARD: REQUIREMENTS FOR MEDICAL ELECTRICAL EQUIPMENT AND MEDICAL ELECTRICAL SYSTEMS USED IN THE HOME HEALTHCARE ENVIRONMENT
I nettbutikken selger også en serie: IEC 60601-1-SER ed1.0 0	IEC 60601-1 ed3.0 IEC 60601-1-1 ed2.0 IEC 60601-1-2 ed3.0 IEC 60601-1-3 ed2.0 IEC 60601-1-4 ed1.1 IEC 60601-1-6 ed3.0 IEC 60601-1-8 ed2.0 IEC 60601-1-9 ed1.0 IEC 60601-1-10 ed1.0 IEC 60601-1-11 ed1.0

PART 2-x	- PART 2-x: PARTICULAR REQUIREMENTS
IEC 60601-2-1 EN 60601-2-1	- PART 2-1: -SAFETY OF ELECTRON ACCELERATORS IN THE RANGE 1 MeV TO 50 MeV
IEC 60601-2-2 EN 60601-2-2	- PART 2-2: SAFETY OF HIGH FREQUENCY SURGICAL EQUIPMENT
IEC 60601-2-3 EN 60601-2-3	- PART 2: PARTICULAR REQUIREMENTS FOR THE SAFETY OF SHORT-WAVE THERAPY EQUIPMENT
IEC 60601-2-4 EN 60601-2-4	- PART 2: PARTICULAR REQUIREMENTS FOR THE SAFETY OF CARDIAC DEFIBRILLATORS AND CARDIAC DEFIBRILLATORS - MONITORS
IEC 60601-2-5 EN 60601-2-5	- PART 2-5: PARTICULAR REQUIREMENTS FOR THE SAFETY OF ULTRASONIC PHYSIOTHERAPY EQUIPMENT
IEC 60601-2-6 FprEN 60601-2-6	- PART 2: PARTICULAR REQUIREMENTS FOR THE SAFETY OF MICROWAVE THERAPY EQUIPMENT
IEC 60601-2-7 EN 60601-2-7	- PART 2-7: PARTICULAR REQUIREMENTS FOR THE SAFETY OF HIGH-VOLTAGE GENERATORS OF DIAGNOSTIC X-RAY GENERATORS
IEC 60601-2-8 EN 60601-2-8	- PART 2-8: PARTICULAR REQUIREMENTS FOR THE SAFETY OF THERAPEUTIC X-RAY EQUIPMENT OPERATING IN THE RANGE 10 kV TO 1 MV
IEC 60601-2-9 EN 60601-2-9	- PART 2: PARTICULAR REQUIREMENTS FOR THE SAFETY OF PATIENT CONTACT DOSEMETERS USED IN RADIOTHERAPY WITH ELECTRICALLY CONNECTED RADIATION DETECTORS
IEC 60601-2-10 EN 60601-2-10	- PART 2: PARTICULAR REQUIREMENTS FOR THE SAFETY OF NERVE AND MUSCLE STIMULATORS
IEC 60601-2-11 EN 60601-2-11	- PART 2: PARTICULAR REQUIREMENTS FOR THE SAFETY OF GAMMA BEAM THERAPHY EQUIPMENT
IEC 60601-2-12	- PART 2: PARTICULAR REQUIREMENTS FOR THE SAFETY OF LUNG VENTILATORS FOR MEDICAL USE
IEC 60601-2-13	- PART 2-13: PARTICULAR REQUIREMENTS FOR THE SAFETY OF ANAESTHETIC WORKSTATIONS
IEC 60601-2-14 EN 60601-2-14	- PART 2: PARTICULAR REQUIREMENTS FOR THE SAFETY OF ELECTROCONVULSIVE THERAPY EQUIPMENT
IEC 60601-2-16 EN 60601-2-16	- PART 2: PARTICULAR REQUIREMENTS FOR THE SAFETY OF HAEMODIALYSIS EQUIPMENT
IEC 60601-2-17 EN 60601-2-17	- PART 2: PARTICULAR REQUIREMENTS FOR THE SAFETY OF REMOTE-CONTROLLED AUTOMATICALLY DRIVEN GAMMA-RAY AFTER-LOADING EQUIPMENT
IEC 60601-2-18 EN 60601-2-18	- PART 2: PARTICULAR REQUIREMENTS FOR THE SAFETY OF ENDOSCOPIC EQUIPMENT

IEC 60601-2-19 EN 60601-2-19	- PART 2: PARTICULAR REQUIREMENTS OF SAFETY OF BABY INCUBATORS
IEC 60601-2-20 EN 60601-2-20	- PART 2: PARTICULAR REQUIREMENTS FOR THE SAFETY OF TRANSPORT INCUBATORS
IEC 60601-2-21 EN 60601-2-21	- PART 2: PARTICULAR REQUIREMENTS FOR THE SAFETY OF INFANT RADIANT WARMERS
IEC 60601-2-22 EN 60601-2-22	- PART 2: PARTICULAR REQUIREMENTS FOR THE SAFETY OF DIAGNOSTIC AND THERAPEUTIC LASER EQUIPMENT
IEC 60601-2-23 EN 60601-2-23	- PART 2-23: PARTICULAR REQUIREMENTS FOR THE SAFETY, INCLUDING ESSENTIAL PERFORMANCE, OF TRANSCUTANEOUSPARTIAL PRESSURE MONITORING EQUIPMENT
IEC 60601-2-24 EN 60601-2-24	- PART 2-24: PARITCULAR REQUIREMENTS FOR THE SAFETY OF INFUSION PUMPS AND CONTROLLERS
IEC 60601-2-25 EN 60601-2-25	- PART 2-25: PARTICULAR REQUIREMENTS FOR THE SAFETY OF ELECTROCARDIOGRAPHS
IEC 60601-2-26 EN 60601-2-26	- PART 2: PARTICULAR REQUIREMENTS FOR THE SAFETY OF ELECTROENCEPHALOGRAPHS
IEC 60601-2-27 EN 60601-2-27	- PART 2: PARTICULAR REQUIREMENTS FORTHE SAFETY OF ELECTROCARDIOGRAPHIC MONITORING EQUIPMENT
IEC 60601-2-28 EN 60601-2-28	- PART 2: PARTICULAR REQUIREMENTS FOR THE SAFETY OF X-RAY SOURCE ASSEMBLIES AND X-RAY TUBE ASSEMBLIES FOR MEDICAL DIAGNOSIS
IEC 60601-2-29 EN 60601-2-29	- PART 2-29: PARTICULAR REQUIREMENTS FOR THE SAFETY OF RADIOTHERAPHY SIMULATORS
IEC 60601-2-30 EN 60601-2-30	- PART 2-30: PARTICULAR REQUIREMENTS FOR THE SAFETY, INCLUDING ESSENTIAL PERFORMANCE, OF AUTOMATIC CYCLING NON-INVASIVE BLOOD PRESSURE MONITORING EQUIPMENT
IEC 60601-2-31 EN 60601-2-31	- PART 2: PARTICULAR REQUIREMENTS FOR THE SAFETY OF EXTERNAL CARDIAC PACEMAKERS WITH INTERNAL POWER SOURCE
IEC 60601-2-32 EN 60601-2-32	- PART 2: PARTICULAR REQUIREMENTS FOR THE SAFETY OF ASSOCIATED EQUIPMENT OF X-RAY EQUIPMENT
IEC 60601-2-33 EN 60601-2-33	- PART 2: PARTICULAR REQUIREMENTS FORTHE SAFETY OF MAGNETIC RESONANCE EQUIPMENT FOR MEDICAL DIAGNOSIS
IEC 60601-2-34 EN 60601-2-34	- PART 2: PARTICULAR REQUIREMENTS FOR THE SAFETY, INCLUDING ESSENTIAL PERFORMANCE, OF INVASIVE BLOOD PRESSURE MONITORING EQUIPMENT
IEC 60601-2-35 EN 60601-2-35	- PART 2: PARTICULAR REQUIREMENTS FORTHE SAFETY OF BLANKETS, PADS AND MATTRESSES, INTENDED FOR HEATING IN MEDICAL USE
IEC 60601-2-36 EN 60601-2-36	- PART 2: PARTICULAR REQUIREMENTS FOR THE SAFETY OF EQUIPMENT FOR EXTRACORPOREALLY INDUCED LITHOTRIPSY
IEC 60601-2-37 EN 60601-2-37	- PART 2: PARTICULAR REQUIREMENTS FOR THE SAFETY OF ULTRASONIC MEDICAL DIAGNOSTIC AND MONITORING EQUIPMENT
IEC 60601-2-38 EN 60601-2-38	- PART 2: PARTICULAR REQUIREMENTS FOR THE SAFETY OF ELECTRICALLY OPERATED HOSPITAL BEDS
IEC 60601-2-39 EN 60601-2-39	- PART 2-39: PARTICULAR REQUIREMENTS FOR THE SAFETY OF PERITONEAL DIALYSIS EQUIPMENT
IEC 60601-2-40 EN 60601-2-40	- PART 2-40: PARTICULAR REQUIREMENTS FOR THE SAFETY OF ELETROMYOGRAPHS AND EVOKED RESPONSE EQUIPMENT
IEC 60601-2-41 EN 60601-2-41	- PART 2-41: PARTICULAR REQUIREMENTS FOR THE SAFETY OF SURGICAL LUMINAIRES AND LUMINAIRES FOR DIAGNOSIS

IEC 60601-2-43 EN 60601-2-43	- PART 2-43: PARTICULAR REQUIREMENTS FOR THE SAFETY OF X-RAY EQUIPMENT FOR INTERVENTIONAL PROCEDURES
IEC 60601-2-44 EN 60601-2-44	- PART 2-44: PARTICULAR REQUIREMENTS FOR THE SAFETY OF X-RAY EQUIPMENT FOR COMPUTED TOMOGRAPHY
IEC 60601-2-45 EN 60601-2-45	- PART 2-45: PARTICULAR REQUIREMENTS FOR THE SAFETY OF MAMMOGRAPHIC X-RAY EQUIPMENT AND MAMMOGRAPHIC STEREOTACTIC DEVICES
IEC 60601-2-46 EN 60601-2-46	- PART 2-46: PARTICULAR REQUIREMENTS FOR THE SAFETY OF OPERATING TABLES

IEC 60601-2-47 EN 60601-2-47	- PART 2-47: PARTICULAR REQUIREMENTS FOR THE SAFETY, INCLUDING ESSENTIAL PERFORMANCE, OF AMBULATORY ELECTROCARDIOGRAPHIC SYSTEMS
IEC 60601-2-49 EN 60601-2-49	- PART 2-49: PARTICULAR REQUIREMENTS FOR THE SAFETY OF MULTIFUNCTION PATIENT MONITORING EQUIPMENT
IEC 60601-2-50 EN 60601-2-50	- PART 2-5O: PARTICULAR REQUIREMENTS FOR THE SAFETY OF INFANT PHOTOTHERAPY EQUIPMENT
IEC 60601-2-51 EN 60601-2-51	- PART 2-51: PARTICULAR REQUIREMENTS FOR SAFETY, INCLUDING ESSENTIAL PERFORMANCE, OF RECORDING AND ANALYSING SINGLE CHANNEL AND MULTICHANNEL ELECTROCARDIOGRAPHS

Interessenter fra bransjen kan bli medlemer i NEKs normkomite NK 62 som arbeider med Elektromedisisk utstyr.

NK 62 – Elektrisk utstyr for medisinsk bruk. NK 62 behandler også utstyr for røntgen, høyenergistråling og nukleærmedisin

For mer informasjon om NEK og normarbeid gå inn på vår nyetablerte portal for elektromedisinsk utstyr:

http://medisinsk.nek.no

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