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**Sistemi za proizvodnjo energije na veter - 24. del: Zaščita pred delovanjem strele
(IEC 61400-24:2019)**

Wind energy generation systems - Part 24: Lightning protection (IEC 61400-24:2019)

Windenergieanlagen - Teil 24: Blitzschutz (IEC 61400-24:2019)

Systèmes de génération d'énergie éolienne - Partie 24 : Protection contre la foudre (IEC 61400-24:2019)

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(IEC 61400-24:2019)**Systèmes de génération d'énergie éolienne - Partie 24 :
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(IEC 61400-24:2019)Windenergieanlagen - Teil 24: Blitzschutz
(IEC 61400-24:2019)

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EN IEC 61400-24:2019 (E)**European foreword**

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IEC 60060-1:2010	NOTE	Harmonized as EN 60060-1:2010 (not modified)
IEC 60071 (series)	NOTE	Harmonized as EN 60071 (series)
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IEC 60099-5	NOTE	Harmonized as EN IEC 60099-5
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IEC 60204-11	NOTE	Harmonized as EN IEC 60204-11
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IEC 60243-1	NOTE	Harmonized as EN 60243-1
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IEC 60464-2	NOTE	Harmonized as EN 60464-2
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IEC 62561 (series)	NOTE	Harmonized as EN IEC 62561 (series)
IEC 62561-1	NOTE	Harmonized as EN 62561-1
IEC 62793	NOTE	Harmonized as EN IEC 62793
IEC 62858	NOTE	Harmonized as EN 62858

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60364-4-44	-	Low-voltage electrical installations - Part 4-44: Protection for safety - Protection against voltage disturbances and electromagnetic disturbances	HD 60364-4-442	-
IEC 60364-5-53	-	Low-voltage electrical installations -- Part-5-53: Selection and erection of electrical equipment - Protection, isolation, switching, control and monitoring	EN 60364-5-53	-
IEC 60364-5-54	-	Low-voltage electrical installations - Part 5-54: Selection and erection of electrical equipment - Earthing arrangements and protective conductors	HD 60364-5-54	-
IEC 60364-6	-	Low voltage electrical installations - Part 6: Verification	HD 60364-6	-
IEC 60664-1	-	Insulation coordination for equipment within low-voltage systems - Part 1: Principles, requirements and tests	EN 60664-1	-
IEC 61000-1	series	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	EN 61000-1	series
IEC 61000-4-5	-	Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test	EN 61000-4-5	-
IEC 61000-4-9	-	Electromagnetic compatibility (EMC) – Part 4-9: Testing and measurement techniques – Impulse magnetic field immunity test	EN 61000-4-9	-
IEC 61000-4-10	-	Electromagnetic compatibility (EMC) – Part 4-10: Testing and measurement techniques – Damped oscillatory magnetic field immunity test	EN 61000-4-10	-

EN IEC 61400-24:2019 (E)

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61400-23	-	Wind turbines - Part 23: Full-scale structural testing of rotor blades	EN 61400-23	-
IEC 61587-3	-	Mechanical structures for electronic equipment - Tests for IEC 60917 and IEC 60297 - Part 3: Electromagnetic shielding performance tests for cabinets and subracks	EN 61587-3	-
IEC 61643-11	-	Low-voltage surge protective devices - Part 11: Surge protective devices connected to low-voltage power systems - Requirements and test methods	EN 61643-11	-
IEC 61643-12	-	Low-voltage surge protective devices - Part 12: Surge protective devices connected to low-voltage power distribution systems - Selection and application principles	CLC/TS 61643-12	-
IEC 61643-21	-	Low voltage surge protective devices - Part 21: Surge protective devices connected to telecommunications and signalling networks - Performance requirements and testing methods		-
IEC 61643-22	-	Low-voltage surge protective devices - Part 22: Surge protective devices connected to telecommunications and signalling networks - Selection and application principles	CLC/TS 61643-22	-
IEC 61936-1	-	Power installations exceeding 1 kV a.c. - Part 1: Common rules	EN 61936-1	-
IEC 62305-1 (mod)	2010	Protection against lightning - Part 1: General principles	EN 62305-1	2011
IEC 62305-2 (mod)	2010	Protection against lightning - Part 2: Risk management	EN 62305-2	2012
IEC 62305-3 (mod)	2010	Protection against lightning - Part 3: Physical damage to structures and life hazard	EN 62305-3	2011
IEC 62305-4 (mod)	2010	Protection against lightning - Part 4: Electrical and electronic systems within structures	EN 62305-4	2011
IEC/TR 60479-4	-	Effects of current on human beings and livestock -- Part 4: Effects of lightning strokes on human beings and livestock		-
IEC/TR 61000-5-2	-	Electromagnetic compatibility (EMC) - Part 5: Installation and mitigation guidelines - Section 2: Earthing and cabling		-
IEC/TS 60479-1	-	Effects of current on human beings and livestock - Part 1: General aspects		-
IEC/TS 61936-2	-	Power installations exceeding 1 kV a.c. and 1,5 kV d.c. - Part 2: d.c.		-
ITU-T K.20	-	Resistibility of telecommunication-equipment installed in a telecommunication centre to overvoltages and overcurrents		-

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ITU-T K.21	-	Resistibility of telecommunication-equipment installed in customer premises to overvoltages and overcurrents		-

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INTERNATIONAL STANDARD



Wind energy generation systems –
Part 24: Lightning protection

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CONTENTS

FOREWORD.....	11
1 Scope.....	13
2 Normative references	13
3 Terms and definitions	15
4 Symbols and units	21
5 Abbreviated terms	24
6 Lightning environment for wind turbine	25
6.1 General.....	25
6.2 Lightning current parameters and lightning protection levels (LPL).....	25
7 Lightning exposure assessment.....	26
7.1 General.....	26
7.2 Assessing the frequency of lightning affecting a single wind turbine or a group of wind turbines.....	28
7.2.1 Categorization of lightning events	28
7.2.2 Estimation of average number of lightning flashes to a single or a group of wind turbines	28
7.2.3 Estimation of average annual number of lightning flashes near the wind turbine (N_M)	31
7.2.4 Estimation of average annual number of lightning flashes to the service lines connecting the wind turbines (N_L)	32
7.2.5 Estimation of average annual number of lightning flashes near the service lines connecting the wind turbine (N_I)	32
7.3 Assessing the risk of damage.....	33
7.3.1 Basic equation.....	33
7.3.2 Assessment of risk components due to flashes to the wind turbine (S1).....	34
7.3.3 Assessment of the risk component due to flashes near the wind turbine (S2)	34
7.3.4 Assessment of risk components due to flashes to a service line connected to the wind turbine (S3)	35
7.3.5 Assessment of risk component due to flashes near a service line connected to the wind turbine (S4)	35
8 Lightning protection of subcomponents.....	36
8.1 General.....	36
8.1.1 Lightning protection level (LPL)	36
8.1.2 Lightning protection zones (LPZ)	37
8.2 Blades	37
8.2.1 General	37
8.2.2 Requirements	37
8.2.3 Verification	38
8.2.4 Protection design considerations	38
8.2.5 Test methods.....	41
8.3 Nacelle and other structural components	42
8.3.1 General	42
8.3.2 Hub	42
8.3.3 Spinner.....	42
8.3.4 Nacelle	43
8.3.5 Tower	43
8.3.6 Verification methods	44

8.4	Mechanical drive train and yaw system	44
8.4.1	General	44
8.4.2	Bearings	44
8.4.3	Hydraulic systems	45
8.4.4	Spark gaps and sliding contacts	46
8.4.5	Verification	46
8.5	Electrical low-voltage systems and electronic systems and installations	46
8.5.1	General	46
8.5.2	Equipotential bonding within the wind turbine	50
8.5.3	LEMP protection and immunity levels	51
8.5.4	Shielding and line routing	52
8.5.5	SPD protection	53
8.5.6	Testing methods for system immunity tests	57
8.6	Electrical high-voltage (HV) power systems	57
9	Earthing of wind turbines	59
9.1	General	59
9.1.1	Purpose and scope	59
9.1.2	Basic requirements	59
9.1.3	Earth electrode arrangements	59
9.1.4	Earthing system impedance	60
9.2	Equipotential bonding	60
9.2.1	General	60
9.2.2	Lightning equipotential bonding for metal installations	60
9.3	Structural components	61
9.3.1	General	61
9.3.2	Metal tubular type tower	61
9.3.3	Metal reinforced concrete towers	61
9.3.4	Lattice tower	61
9.3.5	Systems inside the tower	62
9.3.6	Concrete foundation	62
9.3.7	Rocky area foundation	62
9.3.8	Metal mono-pile foundation	63
9.3.9	Offshore foundation	63
9.4	Electrode shape dimensions	63
9.5	Execution and maintenance of the earthing system	64
10	Personal safety	64
11	Documentation of lightning protection system	66
11.1	General	66
11.2	Documentation necessary during assessment for design evaluation	66
11.2.1	General	66
11.2.2	General documentation	66
11.2.3	Documentation for rotor blades	66
11.2.4	Documentation of mechanical systems	67
11.2.5	Documentation of electrical and electronic systems	67
11.2.6	Documentation of earthing and bonding systems	67
11.2.7	Documentation of nacelle cover, hub and tower lightning protection systems	67
11.3	Site-specific information	68
11.4	Documentation to be provided in the manuals for LPS inspections	68

11.5	Manuals	68
12	Inspection of lightning protection system	68
12.1	Scope of inspection	68
12.2	Order of inspections	68
12.2.1	General	68
12.2.2	Inspection during production of the wind turbine	69
12.2.3	Inspection during installation of the wind turbine	69
12.2.4	Inspection during commissioning of the wind turbine and periodic inspection	69
12.2.5	Inspection after dismantling or repair of main parts	70
12.3	Maintenance	71
Annex A	(informative) The lightning phenomenon in relation to wind turbines	72
A.1	Lightning environment for wind turbines	72
A.1.1	General	72
A.1.2	The properties of lightning	72
A.1.3	Lightning discharge formation and electrical parameters	72
A.1.4	Cloud-to-ground flashes	73
A.1.5	Upward initiated flashes	79
A.2	Lightning current parameters relevant to the point of strike	82
A.3	Leader current without return stroke	83
A.4	Lightning electromagnetic impulse, LEMP, effects	83
Annex B	(informative) Lightning exposure assessment	84
B.1	General	84
B.2	Methodology to estimate the average annual flashes or strokes to the wind turbines of a wind farm and upward lightning activity in wind turbines	84
B.2.1	General	84
B.2.2	Methodology to determine average annual flashes to turbines of a wind farm estimation by increase of the location factor to consider upward lightning from wind turbines	84
B.2.3	Upward lightning percentage in wind farms	88
B.3	Explanation of terms	88
B.3.1	Damage and loss	88
B.3.2	Composition of risk	90
B.3.3	Assessment of risk components	90
B.3.4	Frequency of damage	91
B.3.5	Assessment of probability, P_X , of damage	92
B.4	Assessing the probability of damage to the wind turbine	93
B.4.1	Probability, P_{AT} , that a lightning flash to a wind turbine will cause dangerous touch and step voltage	93
B.4.2	Probability, P_{AD} , that a lightning flash to the wind turbine will cause injury to an exposed person on the structure	94
B.4.3	Probability, P_B , that a lightning flash to the wind turbine will cause physical damage	94
B.4.4	Probability, P_C , that a lightning flash to the wind turbine will cause failure of internal systems	96
B.4.5	Probability, P_M , that a lightning flash near the wind turbine will cause failure of internal systems	96
B.4.6	Probability, P_U , that a lightning flash to a service line will cause injury to human beings owing to touch voltage	96
B.4.7	Probability, P_V , that a lightning flash to a service line will cause physical damage	97

B.4.8	Probability, P_W , that a lightning flash to a service line will cause failure of internal systems	97
B.4.9	Probability, P_Z , that a lightning flash near an incoming service line will cause failure of internal systems.....	98
B.4.10	Probability P_P that a person will be in a dangerous place	99
B.4.11	Probability P_e that equipment will be exposed to damaging event.....	99
B.5	Assessing the amount of loss L_X in a wind turbine	99
B.5.1	General	99
B.5.2	Mean relative loss per dangerous event.....	99
Annex C (informative)	Protection methods for blades.....	101
C.1	General.....	101
C.1.1	Types of blades and types of protection methods for blades	101
C.1.2	Blade damage mechanism	102
C.2	Protection methods	103
C.2.1	General	103
C.2.2	Lightning air-termination systems on the blade surface or embedded in the surface	104
C.2.3	Adhesive metallic tapes and segmented diverter strips	104
C.2.4	Internal down conductor systems.....	105
C.2.5	Conducting surface materials.....	105
C.3	CFRP structural components	106
C.4	Particular concerns with conducting components	107
C.5	Interception efficiency	108
C.6	Dimensioning of lightning protection systems	109
C.7	Blade-to-hub connection	111
C.8	WTG blade field exposure	111
C.8.1	General	111
C.8.2	Application.....	112
C.8.3	Field exposure.....	112
Annex D (normative)	Test specifications	113
D.1	General.....	113
D.2	High-voltage strike attachment tests	113
D.2.1	Verification of air termination system effectiveness.....	113
D.2.2	Initial leader attachment test.....	113
D.2.3	Subsequent stroke attachment test.....	123
D.3	High-current physical damage tests	127
D.3.1	General	127
D.3.2	Arc entry test.....	127
D.3.3	Conducted current test	132
Annex E (informative)	Application of lightning environment and lightning protection zones (LPZ).....	137
E.1	Lightning environment for blades	137
E.1.1	Application.....	137
E.1.2	Examples of simplified lightning environment areas	137
E.1.3	Area transitions	139
E.2	Definition of lightning protection zones for turbines (not blades).....	139
E.2.1	General	139
E.2.2	LPZ 0	140
E.2.3	Other zones.....	141

E.2.4	Zone boundaries	142
E.2.5	Zone protection requirements	143
Annex F (informative)	Selection and installation of a coordinated SPD protection in wind turbines	146
F.1	Location of SPDs	146
F.2	Selection of SPDs	146
F.3	Installation of SPDs	146
F.4	Environmental stresses of SPDs	147
F.5	SPD status indication and SPD monitoring in case of an SPD failure	148
F.6	Selection of SPDs with regard to protection level (U_p) and system level immunity	148
F.7	Selection of SPDs with regard to overvoltages created within wind turbines	148
F.8	Selection of SPDs with regard to discharge current (I_n) and impulse current (I_{imp})	148
Annex G (informative)	Information on bonding and shielding and installation technique	150
G.1	Additional information on bonding	150
G.2	Additional information on shielding and installation technique	151
Annex H (informative)	Testing methods for system level immunity tests	154
Annex I (informative)	Earth termination system	159
I.1	General	159
I.1.1	Types of earthing systems	159
I.1.2	Construction	159
I.2	Electrode shape dimensions	161
I.2.1	Type of arrangement	161
I.2.2	Frequency dependence on earthing impedance	163
I.3	Earthing resistance expressions for different electrode configurations	164
Annex J (informative)	Example of defined measuring points	167
Annex K (informative)	Classification of lightning damage based on risk management	169
K.1	General	169
K.2	Lightning damage in blade	169
K.2.1	Classification of blade damage due to lightning	169
K.2.2	Possible cause of blade damage due to lightning	170
K.2.3	Countermeasures against blade damage due to lightning	171
K.3	Lightning damage to other components	173
K.3.1	Classification of damage in other components due to lightning	173
K.3.2	Countermeasures against lightning damage to other components	173
K.4	Typical lightning damage questionnaire	173
K.4.1	General	173
K.4.2	Sample of questionnaire	173
Annex L (informative)	Monitoring systems	177
Annex M (informative)	Guidelines for small wind turbines	179
Annex N (informative)	Guidelines for verification of blade similarity	180
N.1	General	180
N.2	Similarity constraints	180
Annex O (informative)	Guidelines for validation of numerical analysis methods	183
O.1	General	183
O.2	Blade voltage and current distribution	183
O.3	Indirect effects analysis	184

Annex P (informative) Testing of rotating components	185
P.1 General.....	185
P.2 Test specimen	185
P.2.1 Test specimen representing a stationary / quasi stationary bearing	185
P.2.2 Test specimen representing a rotating bearing	185
P.3 Test setup.....	185
P.3.1 Test set-up representing a stationary/quasi-stationary bearing	185
P.3.2 Test set-up representing a rotating bearing.....	186
P.4 Test procedure.....	187
P.5 Pass/fail criteria	188
Annex Q (informative) Earthing systems for wind farms	189
Bibliography.....	190
Figure 1 – Collection area of the wind turbine	30
Figure 2 – Example of collection area for a complete wind farm (A_{DWF}) with 10 wind turbines (black points) considering overlapping.....	31
Figure 3 – Collection area of wind turbine of height H_a and another structure of height H_b connected by underground cable of length L_C	33
Figure 4 – Examples of possible SPM (surge protection measures)	49
Figure 5 – Interconnecting two LPZ 1 using SPDs.....	50
Figure 6 – Interconnecting two LPZ 1 using shielded cables or shielded cable ducts.....	50
Figure 7 –Magnetic field inside an enclosure due to a long connection cable from enclosure entrance to the SPD	53
Figure 8 –Additional protective measures.....	54
Figure 9 – Examples of placement of HV arresters in two typical main electrical circuits of wind turbines	58
Figure A.1 – Processes involved in the formation of a downward initiated cloud-to-ground flash.....	74
Figure A.2 – Typical profile of a negative cloud-to-ground flash	75
Figure A.3 – Definitions of short stroke parameters (typically $T_2 < 2$ ms)	75
Figure A.4 – Definitions of long stroke parameters (typically 2 ms $< T_{long} < 1$ s).....	76
Figure A.5 – Possible components of downward flashes (typical in flat territory and to lower structures).....	78
Figure A.6 – Typical profile of a positive cloud-to-ground flash.....	79
Figure A.7 – Processes involved in the formation of an upward initiated cloud-to-ground flash during summer and winter conditions.....	79
Figure A.8 – Typical profile of a negative upward initiated flash	80
Figure A.9 – Possible components of upward flashes (typical to exposed and/or higher structures)	81
Figure B.1 – Winter lightning world map based on LLS data and weather conditions.....	86
Figure B.2 – Detailed winter lightning maps based on LLS data and weather conditions	87
Figure B.3 – Ratio h/d description	87
Figure C.1 – Types of wind turbine blades	101
Figure C.2 – Lightning protection concepts for large modern wind turbine blades.....	104
Figure C.3 – Voltages between lightning current path and sensor wiring due to the mutual coupling and the impedance of the current path	107
Figure D.1 – Example of initial leader attachment test setup A.....	115