

**SLOVENSKI STANDARD
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SIST EN 61400-4:2013**

Sistemi za proizvodnjo vetrne energije - 40. del: Elektromagnetna združljivost (EMC) - Zahteve in preskusne metode (IEC 61400-40:2026)

Wind energy generation systems - Part 40: Electromagnetic compatibility (EMC) - Requirements and test methods (IEC 61400-40:2026)

Windenergieanlagen – Teil 40: Elektromagnetische Verträglichkeit (EMV) – Anforderungen und Prüfverfahren (IEC 61400-40:2026)

Systèmes de génération d'énergie éolienne - Partie 40: Compatibilité électromagnétique (CEM) - Exigences et méthodes d'essai (IEC 61400-40:2026)

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33.100.01	Elektromagnetna združljivost na splošno	Electromagnetic compatibility in general

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NORME EUROPÉENNE
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EN IEC 61400-40

April 2026

ICS 27.180

Supersedes EN 61400-4:2013

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**Wind energy generation systems - Part 40: Electromagnetic
compatibility (EMC) - Requirements and test methods
(IEC 61400-40:2026)**

Systèmes de génération d'énergie éolienne - Partie 40:
Compatibilité électromagnétique (CEM) - Exigences et
méthodes d'essai
(IEC 61400-40:2026)

Windenergieanlagen - Teil 40: Elektromagnetische
Verträglichkeit (EMV) - Anforderungen und Prüfverfahren
(IEC 61400-40:2026)

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EN IEC 61400-40:2026 (E)

European foreword

The text of document 88/1131/FDIS, future edition 1 of IEC 61400-40, prepared by TC 88 "Wind energy generation systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61400-40:2026.

The following dates are fixed:

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- latest date by which the national standards conflicting with the (dow) 2029-04-30 document have to be withdrawn

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In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 61400-21-1 NOTE Approved as EN IEC 61400-21-1

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.cencenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC/TR 61000-2-5	-	Electromagnetic compatibility (EMC) - Part 2-5: Environment - Description and classification of electromagnetic environments	-	-
IEC 61000-4-2	-	Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test	EN IEC 61000-4-2	-
IEC 61000-4-3	-	Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test	EN IEC 61000-4-3	-
IEC 61000-4-4	-	Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test	EN 61000-4-4	-
IEC 61000-4-5	-	Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test	EN 61000-4-5	-
IEC 61000-4-6	-	Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields	EN IEC 61000-4-6	-
IEC 61000-4-8	-	Electromagnetic compatibility (EMC) - Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test	EN 61000-4-8	-
IEC 61000-4-11	-	Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase	EN IEC 61000-4-11	-

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IEC 61000-4-34	-	Electromagnetic compatibility (EMC) - Part 4-34: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current more than 16 A per phase	EN 61000-4-34	-
IEC 61000-6-2	-	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments	EN IEC 61000-6-2	-
IEC 61400-1	-	Wind energy generation systems - Part 1: Design requirements	EN IEC 61400-1	-
IEC 61400-2	-	Wind turbines - Part 2: Small wind turbines	EN 61400-2	-
CISPR 11	2024	Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement	EN IEC 55011	2025
CISPR 16-1-1	2019	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-1: Radio disturbance and immunity measuring apparatus - Measuring apparatus	EN IEC 55016-1-1	2019
CISPR 16-1-4	-	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-4: Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements	EN IEC 55016-1-4	-
CISPR 16-1-6	-	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-6: Radio disturbance and immunity measuring apparatus - EMC antenna calibration	EN 55016-1-6	-
CISPR 16-2-3	2016	Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-3: Methods of measurement of disturbances and immunity - Radiated disturbance measurements	EN 55016-2-3	2017
+ A1	2019		+ A1	2019
+ A2	2023		+ A2	2023
CISPR 16-4-2	-	Specification for radio disturbance and immunity measuring apparatus and methods - Part 4-2: Uncertainties, statistics and limit modelling - Measurement instrumentation uncertainty	EN 55016-4-2	-



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**Wind energy generation systems -
Part 40: Electromagnetic compatibility (EMC) - Requirements and test methods**

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