

<b>STN</b>	<b>Príručka na montážne postupy a tolerancie hydroelektrických strojov Časť 2: Vertikálny generátor</b>	<b>STN EN IEC 63132-2</b>  08 5030
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Guidance for installation procedures and tolerances of hydroelectric machines - Part 2: Vertical generators

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 09/20

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**EN IEC 63132-2**

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English Version

**Guidance for installation procedures and tolerances of  
hydroelectric machines - Part 2: Vertical generators  
(IEC 63132-2:2020)**

Lignes directrices des procédures et tolérances  
d'installation des machines hydroélectriques - Partie 2:  
Alternateurs verticaux  
(IEC 63132-2:2020)

Leitfaden für Installations-Prozeduren und -Toleranzen von  
hydroelektrischen Maschinen - Teil 2: Vertikale  
Generatoren  
(IEC 63132-2:2020)

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Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN IEC 63132-2:2020 (E)****European foreword**

The text of document 4/381/FDIS, future edition 1 of IEC 63132-2, prepared by IEC/TC 4 "Hydraulic turbines" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63132-2:2020.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2021-02-25
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-05-25

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 63132-1	NOTE	Harmonized as EN IEC 63132-1
IEC 63132-3	NOTE	Harmonized as EN IEC 63132-3
IEC 63132-4	NOTE	Harmonized as EN IEC 63132-4

## **Annex ZA** (normative)

### **Normative references to international publications with their corresponding European publications**

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

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60034-7 <sup>1</sup>	-	Rotating electrical machines - Part 7: Classification of types of construction, mounting arrangements and terminal box position (IM Code)	-	-

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<sup>1</sup> Third edition under preparation. Stage at the time of publication: IEC/ACDV 60034-7:2019.



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# INTERNATIONAL STANDARD

# NORME INTERNATIONALE



**Guidance for installation procedures and tolerances of hydroelectric machines –  
Part 2: Vertical generators**

**Lignes directrices des procédures et tolérances d'installation des machines  
hydroélectriques –  
Partie 2: Alternateurs verticaux**





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IEC 63132-2

Edition 1.0 2020-04

# INTERNATIONAL STANDARD

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Part 2: Vertical generators**

**Lignes directrices des procédures et tolérances d’installation des machines  
hydroélectriques –  
Partie 2: Alternateurs verticaux**

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ELECTROTECHNICAL  
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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**GUIDANCE FOR INSTALLATION PROCEDURES  
AND TOLERANCES OF HYDROELECTRIC MACHINES –**
**Part 2: Vertical generators****FOREWORD**

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International Standard IEC 63132-2 has been prepared by IEC technical committee 4: Hydraulic turbines.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
4/381/FDIS	4/391/RVD

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 63132 series, published under the general title *Guidance for installation procedures and tolerances of hydroelectric machines*, can be found on the IEC website

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# GUIDANCE FOR INSTALLATION PROCEDURES AND TOLERANCES OF HYDROELECTRIC MACHINES –

## Part 2: Vertical generators

### 1 Scope

The purpose of this part of IEC 63132 is to establish, in a general way, suitable procedures and tolerances for installation of generator. This document presents a typical assembly. There are many possible ways to assemble a unit. The size of the machines, design of the machines, layout of the powerhouse or delivery schedule of the components are some of the elements that could result in additional steps, the elimination of some steps and/or assembly sequences.

It is understood that a publication of this type will be binding only if, and to the extent that, both contracting parties have agreed upon it.

This document excludes matters of purely commercial interest, except those inextricably bound up with the conduct of installation.

This document applies to vertical generators according to IEC 60034-7<sup>1</sup>.

The tolerances in this document have been established upon best practices and experience, although it is recognized that other standards specify different tolerances.

Brushless excitation system is not included in this document.

Wherever this document specifies that documents, drawings or information is supplied by a manufacturer (or by manufacturers), each individual manufacturer will furnish the appropriate information for their own supply only.

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IEC 60034-7:-, *Rotating electrical machines - Part 7: Classification of types of constructions, mounting arrangements and terminal box position (IM Code)*<sup>2</sup>

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**

<sup>1</sup> Third edition under preparation. Stage at the time of publication: IEC/ACDV 60034-7:2019.

<sup>2</sup> Third edition under preparation. Stage at the time of publication: IEC/ACDV 60034-7:2019.