

vgbe-Standard

Interaction of conformity assessment and industrial safety for energy plants

VGBE-S-039-00-2025-05-EN

1st edition

(formerly VGB-S-033-00-2017-07-EN
and VGB-S-035-00-2014-12-DE)



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Publisher:
vgbe energy e.V.

Publishing house:
vgbe energy service GmbH
Verlag technisch-wissenschaftlicher Schriften
Deilbachtal 173 | 45257 Essen, Germany

Phone: +49 201 8128-200
E-mail: sales-media@vgb.org

ISBN 978-3-96284-396-0 (print, English)
ISBN 978-3-96284-397-7 (e-book, English)
ISBN 978-3-96284-394-6 (print, German)
ISBN 978-3-96284-395-3 (e-book, German)

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The German-language version of this vgbe-Standard is the reference edition for translations.

Treatment of proposing amendments

*Amendments can be sent to the e-mail address **vgbe-standard@vgbe.energy**. The subject line should contain the exact specification of the relevant document in order to clearly assign the e-mail content to the appropriate document.*

Preface to the 1st edition

This standard can help the involved parties to comply with the regulatory requirements when placing energy systems on the market and support the partnership-based execution of projects.

While there used to be a common legal and normative basis for the manufacture and operation of energy systems, today there are different bases for both the manufacturer and the operator with fundamentally different approaches.

The application of harmonized standards and the Technical Regulations for Operational Safety (TRBS) ensures that their conformity with the corresponding legal requirements, e.g. the Product Safety Act (ProdSG), triggers a so-called “presumption of conformity”. This creates legal certainty for the manufacturer and the operator with regard to compliance with national regulations, as well as the EU directive and EU regulations.

This document is the consolidation of the two vgbe-Standards

- VGB-S-033-00-2017-07-EN: Interaction of conformity assessment and industrial safety in hydro power plants, 2nd edition and
- VGB-S-035-00-2014-12-DE (only available in German): Conformity assessment in power plant construction.

As part of the revision, the chapters were extensively reorganized and, in particular, adapted to changed regulatory requirements.

It should be noted here that the Machinery Directive (EMD) and the Machinery Ordinance (MO) are usually mentioned in parallel. This is particularly necessary in view of the fact that the EMD and MO are to be applied in parallel until January 14, 2027, in accordance with Article 52 of the MO.

The present version of this vgbe-Standard takes into account the German Ordinance on Industrial Safety and Health (BetrSichV) in the version of June 2015 (last amended on 27 July 2021). If laws and ordinances referred to in this standard are amended after publication of this standard, the requirements laid down in them shall apply.

Essen, May 2025

vgbe energy e.V.*

** vgbe energy e.V. has been the new name of VGB PowerTech since April 2022.*

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Former editions

1st edition, German only, VGB-S-033-00-2014-11-DE

2nd edition, VGB-S-033-00-2017-07-DE

1st English edition, VGB-S-033-00-2017-07-EN

1st edition, German only, VGB-S-035-00-2014-12-DE

Notes on the translation

In English-language texts, the “dot” is generally used as the decimal separator with the “comma” as the thousands separator. In graphics originating from the German speaking world, the “comma” character may be used as the decimal separator with the “dot” as the thousands separator.

American English is the main language used in this vgbe-Standard.

Dieser vgbe-Standard ist grundsätzlich in American English verfasst.

Table of contents

1	Objectives	9
2	Scope.....	10
3	Abbreviations used – Definitions	11
3.1	Abbreviations	11
3.2	Definitions and explanations	13
4	General information / overview (see. No. 5.2 und 5.3 EmpfBS 1113) .	18
4.1	Design of an energy plant.....	18
4.2	Implementation of protection concepts using the example of a “power unit”	21
4.2.1	Engineering approach for hydropower plants	22
4.2.2	Correlation with the rules and regulations.....	24
4.2.3	Common designs.....	25
4.3	Definition of interfaces	26
5	Legal foundations.....	29
5.1	Exceptions to the scope of application of Regulations / Directives (EC)...	31
5.2	Use of Work Equipment Directive and its Objective.....	33
5.2.1	The law on plants requiring monitoring	33
5.2.2	First use of new work equipment	34
5.2.3	First use of used work equipment.....	35
5.2.4	Modification and retrofit of work equipment	35
6	Legal requirements for the assumption of manufacturer responsibility by the employer (own use)	37
6.1	Legal basis	37
6.2	Assembly of machinery for own use under the European Machinery Directive 2006/42/EC	40
7	Conformity assessment	45
7.1	Conformity assessment principles	45
7.1.1	EU Directives and harmonized EN standards.....	45
7.2	Products requiring CE marking and fields of application of the Directives	45
7.2.1	European Machinery Directive (EMD)	46
7.2.2	Other plant areas	48
7.3	Examination of the application of EC Directives	49
7.4	Safety analysis.....	50
7.5	Affixing of the CE mark	50

8	Commissioning / putting into service	51
8.1	Risk assessment of the contractor for the commissioning phase	51
8.2	Risk assessment of the employer for putting into service	52
9	Required documentation	53
9.1	Documentation required during the planning phase	53
9.2	Documentation required during assembly / erection.....	55
9.3	Documentation required for commissioning.....	55
9.4	Documentation required for putting into service / placing on the market ..	56
10	Application of the Construction Products Regulation (European Construction Products Regulation 305/2011/EU) for hydropower plants	57
10.1	General.....	57
10.2	Construction products based on harmonized standards.....	57
10.3	Construction products without harmonized standard	57
10.4	Demarcation from Pressure Equipment Directive and European Machinery Directive.....	58
10.5	Hydraulic steel structure	58
11	BSI Kritis Regulation	60
12	Examples	61
12.1	Turbine revision including replacement of components	62
12.1.1	Examination for relevant EC Directives	62
12.1.2	Conformity assessment	63
12.1.3	Minimum scope of documentation	63
12.2	Generator revision including replacement of components	63
12.2.1	Examination for relevant EC Directives	63
12.2.2	Conformity assessment	64
12.2.3	Minimum scope of documentation	64
12.3	Replacement / modernization / modification of instrumentation and control system.....	64
12.3.1	Examination for relevant EC Directives	64
12.3.2	Conformity assessment	65
12.3.3	Minimum scope of documentation	66
12.4	Modification of draft tube in run-of-river power station	66
12.4.1	Examination for relevant EC Directives	66
12.4.2	Conformity assessment	66
12.4.3	Minimum scope of documentation	66

12.5	Replacement of poles on a generator, with and without increase in performance.....	67
12.5.1	Examination of the application of EC Directives	67
12.5.2	Conformity assessment	67
12.5.2.1	Components falling under the European Machinery Directive	67
12.5.3	Minimum scope of documentation	68
12.6	Building of a new “power unit”	68
12.6.1	A manufacturer supplies a complete “power unit”	69
12.6.2	Assembly of the completed machinery	69
12.6.3	Delivery of “power unit” by two or more suppliers	70
12.7	Renewal of components of a weir system	70
12.7.1	Examination for relevant EC Directives	71
12.7.2	Conformity assessment	72
12.7.3	Process-related safety analysis	73
12.7.4	Minimum scope of documentation	75
12.8	New-build pumped storage power plant	75
12.8.1	Examination of the application of EC Directives	77
12.8.2	Conformity assessment	78
12.8.3	Minimum scope of documentation	78
12.9	Rehabilitation of a main inlet valve DN 2000 including change of the hydraulic fluid.....	78
12.9.1	Examination of the application of EC Directives	79
12.9.2	Conformity assessment	80
12.9.3	Minimum scope of documentation	80
12.10	Automation of a trash rack cleaning machine	80
12.10.1	Examination of the application of EC Directives	80
12.10.2	Conformity assessment	81
12.10.3	Minimum scope of documentation	81
12.11	Assessment of existing equipment for lifting loads Exemplary assessment based on German rules and regulations	81
12.11.1	Assessment of the characteristics of the work equipment	82
12.11.2	Assessment of the safe use of the work equipment.....	84
13	Literature	87
14	Annex.....	89
14.1	Annex 1	90
14.2	Annex 2	94
14.3	Annex 3	95

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45257 Essen
Germany

Publishing house:
vgbe energy service GmbH
Deilbachtal 173
45257 Essen
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ISBN 978-3-96284-396-0 (print, English)
ISBN 978-3-96284-397-7 (e-book, English)

ISBN 978-3-96284-394-6 (print, German)
ISBN 978-3-96284-395-3 (e-book, German)