
General principles on reliability for structures — Vocabulary

Principes généraux de la fiabilité des constructions — Vocabulaire



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Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
Bibliography	52
Alphabetical index of terms	53

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives)

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html

This document was prepared by Technical Committee ISO/TC 98, *Bases for design of structures*, Subcommittee SC 01, *Terminology and symbols*.

This second edition cancels and replaces the first edition (ISO 8930:1987), which has been technically revised.

The main changes compared to the previous edition are as follows:

- terms and definitions from the revised ISO 2394:2015 have been updated;
- terms and definitions from all other TC98 standards have been added;
- languages other than English have been deleted.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html

General principles on reliability for structures — Vocabulary

1 Scope

This document establishes the common vocabulary of the principal terms used in the field of reliability of structures and design actions used within ISO TC98 documents on bases for design of structures.

2 Normative references

There are no normative references in this document

3 Terms and definitions

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

3.1 General

3.1.1 assessment

total set of activities performed in order to verify the *reliability* (3.2.19) of an existing *structure* (3.1.31)

[SOURCE: ISO 2394:2015, 2.1.12]

3.1.2 compliance

fulfilment of specified *requirements* (3.1.23)

[SOURCE: ISO 2394:2015, 2.1.6]

3.1.3 component

part of the *structure* (3.1.31) and non-structural part that can affect the *durability* (3.5.2) of the structure

[SOURCE: ISO 13823:2008, 3.6, modified — "any" has been deleted and "may" has been changed to "can".]

3.1.4 consumer

participant of the building process purchasing a *lot* (3.10.18) for further procedure or use

[SOURCE: ISO 12491:1997, 3.47, modified — "any" has been deleted.]

3.1.5 cultural resource

structure (3.1.31), building, landscape, archaeological site, or other engineering works, that have been formally recognized for its *heritage value* (3.12.7)

[SOURCE: ISO 13822:2010, I.3.3]