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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 38634.3-2020

**Systems and software engineering - Software testing - Part 3:
Test documentation**

系统与软件工程 软件测试 第3部分：测试文档

(English Translation)

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1 Scope

This part of GB/T 38634 specifies the software test document template. The test document is the output of the specified process in the GB/T 38634.2 test process.

Figure 1 gives an overview of the specific test documentation set.

This section applies to testing in all software development life cycle models. The document template can be used in any organization, project or small-scale testing activities.

This section applies to but is not limited to testers, test managers, developers and project managers, especially those responsible for governance, management and implementation of software testing.

The documents described in this section may be published in multiple versions. However, the handling of multiple versions of documents does not belong to the scope of this section, because it is a configuration management issue.

2.1 Intended use

The requirements of this part are contained in Chapter 5, Chapter 6, and Chapter 7: This section provides many suitable for the entire software life cycle Requirements for testing documents. Special projects or organizations may not need to use all the documents specified in this section. Therefore, the implementation of this part Often includes selecting a set of documents suitable for the organization or project. Organizations can declare compliance with this part in two ways. full compliance or Tailoring meets. Consistency requirements can be put forward for the organizations, projects, multi-supplier projects and services identified in the conformity declaration.

The information items declared in Chapter 5, Chapter 6, and Chapter 7 of this part correspond to the information items in GB/T 38634.2. Appendix B is the regulation The normative appendix outlines the normative requirements for establishing the information items defined in Chapter 5, Chapter 6, and Chapter 7 of this part in GB/T 38634.2.

For ease of reference, each document in this section is described as a separate hardcopy document. The document title and content provided in this section can be In order to modify (add, merge or rename), it is not necessary to use the nomenclature of specific records in Chapter 5, Chapter 6 and Chapter 7 to declare it Compliance. If the document is not published but provided in electronic form, divided into separate documents or volumes, or combined with other documents into one document, the Compliance with regulations for the document.

2.2.1 Overview

The following types of compliance shall be declared, and the selected type of compliance shall be stated in the compliance document.

2.2.2 Full compliance

The minimum set of required information items is all the information items specified in Chapter 5, Chapter 6, and Chapter 7.

Note: Even if there is no declaration of full compliance with this section, you can also declare full compliance with the selected document.

2.2.3 Tailoring compliance

The test document content defined in Chapter 5, Chapter 6 and Chapter 7 can be based on GB/T 38634.2 and/or the specific organization or project Need to be tailored. When tailoring is required, if the information item is not defined in Chapter 5, Chapter 6, and Chapter 7, a reason needs to be provided.

All tailoring decisions should document their reasons, including consideration of any

applicable risks. Tailoring decisions should be approved by stakeholders. Tailoring compliance can be achieved in the following ways.

- a) Tailor the process and activities according to Chapter 2 of GB/T 38634.2 to determine the minimum test document set required;
- b) Determine the minimum test documentation set required according to the needs of the specific organization and/or project;
- c) According to specific organization and/or project needs, determine the minimum set of information items required in the document.

Note 1: In projects, especially those that use agile development methods, the documents in this section can be tailored to allow them to be replaced by others.

One way (such as oral or slide presentation) for compression or presentation.

Note 2: Different document names can be used, but when doing so and need to prove its compliance, usually between this part and local use Line mapping to help with compliance assessment.

3 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article Pieces. For undated references, the latest version (including all amendments) applies to this document.

GB/T 38634.2 System and Software Engineering Software Testing Part 2: Test Process (GB/T 38634.2-2020, ISO /IEC /IEEE29119-2.2013, MOD)

4 Terms and definitions

The following definitions and terms apply to this document.

4.1 Results of testing

The behavior set or condition set of the test item, or the related data or condition set of the test environment that can be obtained as a result of the test execution.

Examples. output to hardware, changes to data, generation and display of reports, and sending of communication messages.

4.2 Coverage item

See test coverage item (4.15).