



SLOVENSKI STANDARD
SIST EN 54-13:2017/oprA1:2018
01-maj-2018

Sistemi za odkrivanje in javljanje požara ter alarmiranje - 13. del: Ocenjevanje združljivosti in povezljivosti sestavnih delov sistemov

Fire detection and fire alarm systems - Part 13: Compatibility and connectability assessment of system components

Brandmeldeanlagen - Teil 13: Bewertung der Kompatibilität und Anschließbarkeit von Systembestandteilen

Systèmes de détection incendie - Partie 13 : Évaluation de la compatibilité et de l'aptitude au raccordement des composants d'un système

Ta slovenski standard je istoveten z: EN 54-13:2017/prA1

ICS:

13.220.20	Požarna zaščita	Fire protection
13.320	Alarmni in opozorilni sistemi	Alarm and warning systems

SIST EN 54-13:2017/oprA1:2018 **en,fr,de**

EUROPEAN STANDARD
NORME EUROPÉENNE
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ICS 13.220.20

English Version

Fire detection and fire alarm systems - Part 13: Compatibility and connectability assessment of system components

Systèmes de détection incendie - Partie 13 : Évaluation
de la compatibilité et de l'aptitude au raccordement
des composants d'un système

Brandmeldeanlagen - Teil 13: Bewertung der
Kompatibilität und Anschließbarkeit von
Systembestandteilen

This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 72.

This draft amendment A1, if approved, will modify the European Standard EN 54-13:2017. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment was established by CEN in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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EN 54-13:2017/prA1:2018 (E)

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European foreword

This document (EN 54-13:2017/prA1:2018) has been prepared by Technical Committee CEN/TC 72 “Fire detection and fire alarm system”, the secretariat of which is held by BSI.

This document is currently submitted to the CEN Enquiry.

EN 54-13:2017/prA1:2018 (E)**1 Modification to Clause 3, Terms, definitions and abbreviations**

Replace term and definition 3.1.12 "testing authority" with the following for "applicant":

3.1.12**applicant**

organization or other such body requiring an assessment of the compatibility and connectability of system components".

2 Modifications to Clause 4, Requirements

In 4.4.1 "General", replace the second paragraph with:

The documentation shall be prepared by the applicant to allow the assessment of compatibility and connectability for the configuration(s) defined by the applicant."

In 4.2.3, delete the note.

3 Modification to 5.3.2, Configuration at field level for assessment

Replace the first paragraph with the following: "

From the assessment of documentation the relevant configuration(s) shall be provided for testing."

4 Modifications to Annex D (normative), Software design documentation

In D.1, replace the first paragraph with:

The applicant shall provide documentation that gives an overview of the software design. This documentation shall be in sufficient detail for the design to be inspected for compliance with this European Standard, and shall comprise at least the following:"

In D.2, replace the first paragraph with:

The applicant shall provide a description, and the details of the supplier for the following:"

In D.3, replace in the paragraph the second sentence with:

This need not be provided, but shall be accessible for inspection in a manner that respects the applicant's rights of confidentiality. This documentation shall comprise at least the following:"

5 Addition of Annex F, Significance of changes made to this edition of EN 54-13

Add the following new Annex F:

Annex F
(informative)

Significance of changes made to this edition of EN 54-13

This information below can be used as guidance for manufacturers, testing laboratories and certification bodies.

NOTE Although great care has been taken in creating this annex, accuracy, completeness, content and information may be altered facing a particular situation.

Table F.1 lists the corresponding Clauses of this edition compared to the previous edition of EN 54-13 and describes the type of change. Table F.2 gives information about the type of change.

Table F.1 — Significance of edition changes EN 54-13:2005

Clause of this standard	EN 54-13:2005 Clauses	Type
1 Scope	1 Scope	B3
2 Normative References	2 Normative References	A
3 Terms and definitions and abbreviations	3 Terms and definitions and abbreviations	B1
4.1 Compliance	4.1 Compliance	A
4.2. Basic requirements	4.2 Basic requirements 4.4 Components 4.6 Input and output devices linked to FPS 4.7 Documentation	B
4.3 Transmission Path(s)	4.5 Transmission paths 4.3 Networked system	B
4.4 Documentation	4.7 Documentation	A
5.1 General	5.1 General requirements	B1
5.2 Provision of equipment and supporting information and tools	5.2 General test requirements	A
5.3 Configuration	5.2.2 mounting and electrical connection	B
5.4 Standard atmospheric conditions for testing	5.2.1 standard atmospheric conditions for tests	A
5.5 Functional test for compatibility assessment on field level	5.3 Functional test for compatibility	B1
5.6 Functional test for connectability assessment on field level	5.4 Functional test for connectability	A
Annex A (Informative) Example of levels used in FDAS	-	n/a
Annex B (informative) Classification of functions of the FDAS	Annex B (informative) Classification of functions of the FDAS	A
Annex C (informative) Example of methodology for theoretical analysis	Annex C (informative) Example of methodology for theoretical analysis	A

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Clause of this standard	EN 54-13:2005 Clauses	Type
Annex D (normative) Software design documentation	4.3.3 Specific requirements for software 4.7.4 Software documentation	A
Annex E (informative) Flowchart for assessment of compatibility / connectability	-	A
n/a : non applicable		

Table F.2 — Explanation of the type of changes

	Description	Cause
A Minor and editorial changes	These are changes which modify requirements or tests in an editorial or a minor technical way. They include changes of the wording to clarify technical requirements without any technical change, or a reduction in the level of existing requirement. It may be assumed that a configuration of system components which is fully compliant with the previous edition of the standard will also meet requirements of the current edition.	<ul style="list-style-type: none"> — Clarification — Decrease of technical requirements — Minor technical changes — Editorial correction
B Technical changes	These are changes to technical requirements (addition, increase of the level or removal) made in a way that an existing configuration of system components according to EN 54-13:2005 will not always be able to fulfil the requirements given in the current version.	<ul style="list-style-type: none"> — Addition of technical requirements — Increase of technical requirements — Additional tests — Tests with increased severity level
Information about the background of “technical changes” B1) More severe requirements B2) New chapter / new clause B3) Additional requirements.		

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