



Fisuel Seminar – 15-16 of October 2024

Barcelona – Spain

Pierre SELVA



Agenda – IEC Short Update

IEC 60364-6 - Verification

IEC 60364 Part 4-42 - Protection against thermal effects

GAM 2024 – Seminar – 15 and 16 October 2024

IEC 60364-6

Low voltage electrical installations - Part 6: Verification



64/2692A/CD

COMMITTEE DRAFT (CD)

PROJECT NUMBER:

IEC 60364-6 ED3

DATE OF CIRCULATION:

2024-08-16

CLOSING DATE FOR COMMENTS:

2024-12-06

SUPERSEDES DOCUMENTS:

64/2642/CD, 64/2690/CC

IEC TC 64 : ELECTRICAL INSTALLATIONS AND PROTECTION AGAINST ELECTRIC SHOCK

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6.1 Scope

6.2 Normative references

6.3 Terms and definitions

6.4 Initial verification

6.4.1 General

6.4.2 Inspection

6.4.3 Testing

6.4.4 Reporting for initial verification

6.5 Periodic verification

6.5.2 Frequency of periodic verification

6.5.3 Reporting for periodic verification

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ANNEX #A to #C → Measurement

ANNEX D (informative) Guidance on the application of the rules of Clause 6.4 – Initial verification

ANNEX E (informative) Model forms for reporting *New!*

ANNEX F (informative) Model forms for inspection of electrical installations *New!*

ANNEX G (informative) Model schedule of circuit details and test results *New!*

ANNEX H (informative) Recommended period before the first periodic verification
initial frequencies of inspection of electrical installations

ANNEX I (informative) Periodic verification of an electrical installation in dwellings

ANNEX J (informative) List of notes concerning certain countries

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ANNEX J (informative)



List of notes concerning certain countries

Country	Clause/subclause	Text
FR	General	In France initial and periodic verifications are requested and defined by law: "décret n°2010-1016 du 30 août 2010" and "arrêté du 26 décembre 2011"
IE	6.1	<p>In Ireland: Statutory requirements for certification, periodic inspection/reporting etc are established by the relevant Irish Regulator e.g. Commission for Regulation of Utilities (CRU), Ireland's Safety Supervisory Body.</p> <p>In Ireland a report can be obtained from the Electrical Safety Supervisory Body (ESSB).</p>
IE	6.2	<p>In Ireland: Statutory requirements for certification, periodic inspection/reporting etc are established by the relevant Irish Regulator e.g. Commission for Regulation of Utilities (CRU), Ireland's Safety Supervisory Body.</p> <p>In Ireland a report can be obtained from the Electrical Safety Supervisory Body (ESSB).</p>
CH	6.4.1.6	In Switzerland, we comply the low-voltage installation regulations regarding the qualification of the person carrying out the test.

IEC 60364-4-42

Electrical installations and protection
against electrical shock

64/2686/FDIS

FINAL DRAFT INTERNATIONAL STANDARD (FDIS)

PROJECT NUMBER:

IEC 60364-4-42 ED4

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2024-07-19

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2024-08-30

SUPERSEDES DOCUMENTS:

64/2572/CDV, 64/2646/RVC

**Publication expected on
November 2024 !**

New Clause 427 for protection against assembly
internal arc faults has been added.

