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# INTERNATIONAL STANDARD

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**Calibration of the prompt fission neutron logging tools**

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**Calibration of the prompt fission neutron logging tools**

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The text of this International Standard is based on the following documents:

Draft	Report on voting
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Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications](http://www.iec.ch/publications).

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- reconfirmed,
- withdrawn, or
- revised.

## 1 Scope

This document specifies the calibration method of prompt fission neutron logging tools.

This document applies to the calibration of prompt fission neutron logging tools for uranium exploration and mining.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60050-395, *International Electrotechnical Vocabulary (IEV) - Part 395: Nuclear instrumentation - Physical phenomena, basic concepts, instruments, systems, equipment and detectors*

IEC 62598, *Nuclear instrumentation - Constructional requirements and classification of radiometric gauges*

## Bibliography

IEC 60050-311, *International Electrotechnical Vocabulary (IEV) – Part 311: Electrical and electronic measurements - General terms relating to measurements*

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