

# TECHNICAL REPORT

REDLINE VERSION

**Nuclear facilities - Instrumentation, control and electrical power systems  
important to safety - Structure of the IEC SC 45A standards series**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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Instrumentation, control and electrical power systems important to safety -  
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FOREWORD

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IEC TR 63400 has been prepared by subcommittee 45A: Instrumentation, control and electrical power systems of nuclear facilities, of IEC technical committee 45: Nuclear instrumentation. It is a Technical Report.

The text of this Technical Report is based on the following documents:

Draft	Report on voting
45A/1597/DTR	45A/1622/RVDTR

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

This second edition cancels and replaces the first edition published in 2021. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) This edition reflects changes made to the IEC SC45A portfolio of publications between 2021 and 2025, including the publication of revised standards in addition to new publications including in the field of artificial intelligence applications for nuclear facilities.

The language used for the development of this Technical Report 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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