

STN	Bezpečnosť v spojitosti s jadrovou kritičnosťou Školenie na bezpečnú prevádzku v spojitosti s jadrovou kritičnosťou (ISO 23133: 2021)	STN EN ISO 23133 40 2060
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Nuclear criticality safety - Nuclear criticality safety training for operations (ISO 23133:2021)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 03/23

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English Version

**Nuclear criticality safety - Nuclear criticality safety
training for operations (ISO 23133:2021)**Sûreté-criticité - Formation à la sûreté-criticité dans le
cadre de l'exploitation (ISO 23133:2021)Kritikalitätssicherheit - Kritikalitätssicherheitstraining
für Betriebe (ISO 23133:2021)

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EN ISO 23133:2022 (E)

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European foreword

The text of ISO 23133:2021 has been prepared by Technical Committee ISO/TC 85 "Nuclear energy, nuclear technologies, and radiological protection" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 23133:2022 by Technical Committee CEN/TC 430 "Nuclear energy, nuclear technologies, and radiological protection" the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2023, and conflicting national standards shall be withdrawn at the latest by June 2023.

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Endorsement notice

The text of ISO 23133:2021 has been approved by CEN as EN ISO 23133:2022 without any modification.

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Nuclear criticality safety — Nuclear criticality safety training for operations

*Sûreté-criticité — Formation à la sûreté-criticité dans le cadre de
l'exploitation*



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ISO 23133:2021(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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ISO 23133 was prepared by Technical Committee ISO/TC 85, *Nuclear energy, nuclear technologies, and radiological protection*, Subcommittee SC 5, *Nuclear installations, processes and technologies*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

Experience of criticality accidents and evidence of operations history worldwide has indicated that human errors on different levels (management, operations staff, and/or operations supervisors), through lack of understanding or ignorance of nuclear criticality safety, have contributed to accidents.

In order to maintain nuclear criticality safety for facilities handling and processing fissile material it is necessary to ensure the operations staff, operations supervisors, and management are suitably trained in nuclear criticality safety. This document was developed in response to demand for a definition of the minimum nuclear criticality safety training requirements for operations staff, operations supervisors, and management.

This training is distinct from that of the training necessary for nuclear criticality safety staff in that it is tailored to suit the needs of maintaining nuclear criticality safety for operations. This document sets out standards for achieving and maintaining an adequate level of understanding and knowledge in order to operate nuclear facilities safely with respect to nuclear criticality safety.

This document covers high-level training for maintaining nuclear criticality safety. This includes preparedness for and response to a potential criticality accident. ISO 11320 contains more specific training provisions on emergency preparedness and response. This document supports integrating such provisions, when relevant, within the training program for operations staff, operations supervisors, and management.

Nuclear criticality safety — Nuclear criticality safety training for operations

1 Scope

This document specifies minimum nuclear criticality safety training requirements for operations staff, operations supervisors, and management.

This document is applicable to areas, processes or facilities containing quantities of fissile material for which nuclear criticality safety assessment is required as defined in ISO 1709.

This document is not applicable to the transport of fissile materials outside the boundaries of nuclear establishments.

2 Normative references

There are no normative references in this document.

koniec náhľadu – text ďalej pokračuje v platenej verzii STN