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Quality management systems - Guidance for the application of ISO 19443:2018 (ISO/TR 4450:2020)

Táto technická normalizačná informácia obsahuje anglickú verziu CEN ISO/TR 4450:2022, ISO/TR 4450:2020.
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Quality management systems - Guidance for the application of ISO 19443:2018 (ISO/TR 4450:2020)

Systèmes de management de la qualité - Lignes directrices pour l'application de l'ISO 19443:2018 (ISO/TR 4450:2020)

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CEN ISO/TR 4450:2022 (E)

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European foreword

The text of ISO/TR 4450:2020 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 CEN ISO/TR 4450:2022 by Technical Committee CEN/TC 430 "Nuclear energy, nuclear technologies, and radiological protection" the secretariat of which is held by AFNOR.

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Endorsement notice

The text of ISO/TR 4450:2020 has been approved by CEN as CEN ISO/TR 4450:2022 without any modification.

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Quality management systems — Guidance for the application of ISO 19443:2018

*Systèmes de management de la qualité — Lignes directrices pour
l'application de l'ISO 19443:2018*



Reference number
ISO/TR 4450:2020(E)

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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.

The relationship of ISO standards to the IAEA safety standards (<http://www-ns.iaea.org/standards/>) needs to be understood to avoid confusions.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by the Technical Committee ISO/TC 85, *Nuclear energy, nuclear technologies, and radiological protection WG 4, Management systems and conformity assessment*.

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.

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Introduction

As general consideration, this guideline document:

- has been developed to assist users to apply the quality management system requirements of ISO 19443:2018 by organizations in the supply chain of the nuclear energy sector supplying products and services important to nuclear safety (ITNS)^[1],
- does not add to, subtract from, or in any way modify those requirements,
- does not prescribe mandatory approaches to implementation, or provide any preferred method of interpretation of ISO 19443:2018 requirements supplementing those of ISO 9001:2015^[2], but only provide examples of possible solutions an organization can implement to meet the requirements,
- proposes also good practices for some clauses of ISO 9001 when applied to ISO 19443.

Where there is no supplementary text to ISO 9001^[2] (refer also to [Annex A](#) which gives a global picture of additional requirements of ISO 19443:2018 versus ISO 9001:2015), the sentence “*No ISO 19443 additional requirement to ISO 9001*” has been included. In this case, for guidance on the initial text of ISO 9001, refer to:

- ISO 9001:2015^[2], Annex A,
- ISO/TS 9002^[3], and
- ISO/IAF Auditing Practices Group^[4].

Where it is considered that the added text is self-explanatory and thus no guidance has been added, the sentence “*No supplementary guidance provided*” has been included.

This guidance follows the layout of ISO 19443 and thus, users need to clearly understand the vocabulary of ISO 9000 and ISO 9001, which underlie it, before addressing the added text in ISO 19443.

The delivery of all products or services will involve tiers (See [Figure 1](#)) to which the Licensee requirements will be cascaded through Contractor(s) using technical specifications, procedures, management system (including Quality Assurance and Quality Control) requirements, and other contractual documents.

At each level, the external provider (called hereby “contractor”, “supplier” or “sub-supplier”) will be potentially in position to be “the organization” considered by ISO 19443.

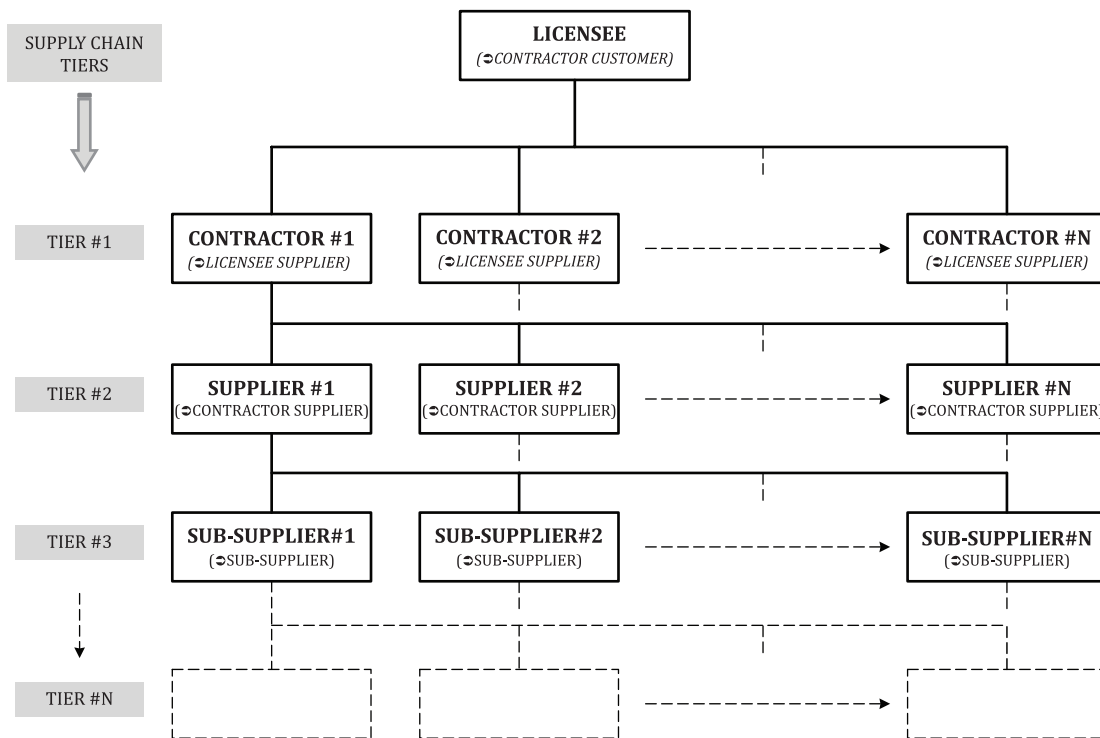


Figure 1 — Schematic breakdown of tiers.

0.1 General

No ISO 19443 additional requirement to ISO 9001.

0.2 Quality management principles

No supplementary guidance provided.

0/3 Process approach

No ISO 19443 additional requirement to ISO 9001.

0.4 Relationship with other management system standards

No supplementary guidance provided.

Quality management systems — Guidance for the application of ISO 19443:2018

1 Scope

This document provides guidance on the implementation of the ISO 19443 requirements, with examples of possible steps an organization can take to meet the requirements.

It does not add to, subtract from, or in any way modify those requirements.

This document does not prescribe mandatory approaches to implementation, or provide any preferred method of interpretation.

2 Normative references

There are no normative references in this document.

No ISO 19443 additional requirement to ISO 9001.

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