
**Boilers and pressure vessels —
Registration of Codes and Standards to
promote international recognition**

*Chaudières et récipients sous pression — Enregistrement des codes et
normes afin de faciliter la reconnaissance internationale*



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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

In other circumstances, particularly when there is an urgent market requirement for such documents, a technical committee may decide to publish other types of normative document:

- an ISO Publicly Available Specification (ISO/PAS) represents an agreement between technical experts in an ISO working group and is accepted for publication if it is approved by more than 50 % of the members of the parent committee casting a vote;
- an ISO Technical Specification (ISO/TS) represents an agreement between the members of a technical committee and is accepted for publication if it is approved by 2/3 of the members of the committee casting a vote.

An ISO/PAS or ISO/TS is reviewed after three years with a view to deciding whether it should be confirmed for a further three years, revised to become an International Standard, or withdrawn. In the case of a confirmed ISO/PAS or ISO/TS, it is reviewed again after six years at which time it has to be either transformed into an International Standard or withdrawn.

Attention is drawn to the possibility that some of the elements of this Technical Specification may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO/TS 16528 was prepared by Technical Committee ISO/TC 11, *Boilers and pressure vessels*.

Annexes A, B and C form a normative part of this Technical Specification. Annexes D and E are for information only.

Introduction

This Technical Specification establishes means to register national and regional boiler and pressure vessel Codes or Standards to promote international recognition, support safety and facilitate trade. The commonly used national codes and standards have a proven history of supporting public safety and good commercial operating experience. While Codes and Standards registered to this Technical Specification are generally limited to establishing rules for individual boilers and pressure vessels, interaction with other equipment and systems should be considered, e.g. piping system layout, access for inspections, etc.

The international registration of a Code or Standard is achieved by its registration in accordance with the provisions of this Technical Specification. This procedure provides a basis for ISO/TC 11 to confirm that the candidate Code or Standard meets the criteria of this Technical Specification. The technical adequacy of specific requirements of a Code or Standard is beyond the scope of this registration process. Such technical concerns should be submitted directly to the Standardizing Body that promulgates the Code or Standard.

Requirements of a local administrative nature in candidate Codes or Standards, e.g. specific national/regional regulatory requirements for documentation, should be segregated and identified. In accordance with the principles of the Agreement on Technical Barriers to Trade, requirements of national or regional Codes or Standards registered in accordance with this Technical Specification should not be more trade-restrictive than necessary to fulfil legitimate objectives, such as national security, protection of human health and safety.

Compliance with the requirements of this Technical Specification does not relieve parties from obligations under local, national or international laws or regulations.

Standardizing Bodies promulgating Codes or Standards are solely responsible for the technical adequacy for their intended use. These Standardizing Bodies are encouraged to publish non-mandatory information documenting theories embodied in the Code or Standard, guidelines for use and similar useful information.

Boilers and pressure vessels — Registration of Codes and Standards to promote international recognition

1 Scope

This Technical Specification specifies the criteria and process for registration of boiler and pressure vessel Codes and Standards to promote international recognition, support safety and facilitate trade.

This Technical Specification is not applicable to Codes and Standards for nuclear components, railway and marine boilers, gas cylinders or piping systems, and mechanical equipment, e.g. turbines and machinery casings.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this Technical Specification. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this Technical Specification are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 31 (all parts), *Quantities and units*

ISO 1000, *SI units and recommendations for the use of their multiples and of certain other units*

3 Terms and definitions

For the purposes of this Technical Specification, the following terms and definitions apply.

3.1

accreditation

procedure by which an authoritative body gives formal recognition that an organization is competent to carry out specific tasks

3.2

associated document

document whose use is required with the Code or Standard in order to demonstrate compliance with this Technical Specification

EXAMPLES National or regional regulation, a national, regional or international standard, or other document.

3.3

authoritative body

governmental regulatory authority or private organization recognized by a regulatory authority

3.4

certification

procedure by which a third party or manufacturer gives written assurance that a product, process or service conforms to specified requirements