International Standard

ISO 14313

Oil and gas industries including lower carbon energy — Pipeline transportation systems — Pipeline valves

Industries du pétrole et du gaz, y compris les énergies à faible teneur en carbone — Systèmes de transport par conduites — Vannes de conduites

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Foreword

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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 document 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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This document was prepared by Technical Committee ISO/TC 67, *Oil and gas industries including lower carbon energy*, Subcommittee SC 2, *Pipeline transportation systems*.

This third edition cancels and replaces the second edition (ISO 14313:2007), which has been technically revised. It also incorporates the Technical Corrigendum ISO 14313:2007/Cor 1:2009.

This document supplements API 6D, 25th edition (2021).

The technical requirements of this document and API 6D used to be identical. In the meantime, API 6D has been technically revised as API 6D, 25th edition (2021). The purpose of this edition of ISO 14313 is to bring it up to date, by referencing the current edition of API Specification 6D and including supplementary content.

The main changes compared to the previous edition are as follows:

— API 6D, 25th edition was a major rewrite compared to the previous edition.

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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Oil and gas industries including lower carbon energy — Pipeline transportation systems — Pipeline valves

1 Scope

This document defines the requirements for the design, manufacturing, materials, welding, quality control, assembly, testing, documentation and process control of axial, ball, check, gate and plug valves for application in the oil and gas industries.

This document applies to ASME Class 150, 300, 600, 900, 1 500, and 2 500.

This document is a supplement to API 6D, 25th edition (2021), the requirements of which are applicable with the additions specified in this document.

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.

API 6D, *25th edition (2021), Specification for Valves*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in API 6D, 25th edition (2021) apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

4 Supplements to API 6D, 25th edition (2021)

4.1 General requirements

The requirements specified in API 6D, 25th edition (2021) shall apply, with the additions specified in 4.2.

4.2 Valve marking

The requirements specified in API 6D, 25th edition (2021), Table 13, Item 2 shall apply with the following addition:

"ISO 14313" shall be marked on the nameplate of the valve.

Dual marking of both “ISO 14313” and “API 6D” is permitted.

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