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ISO 4266-2:2023(E)

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Petroleum and liquid petroleum products — Measurement of level and temperature in storage tanks by automatic methods — Part 2: Measurement of level in marine vessels

Pétrole et produits pétroliers liquides — Mesurage du niveau et de la température dans les réservoirs de stockage par des méthodes automatiques — Partie 2: Mesurage du niveau dans les citernes de navire

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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 28 *Petroleum and related products, fuels and lubricants from natural or synthetic sources*, Subcommittee SC 2, *Measurement of petroleum and related products*.

This second edition cancels and replaces the first edition (ISO 4266-2:2002), which has been technically revised.

The main changes are as follows:

- ~~In 2 reference to ISO 8697 has been removed as cancelled document;~~
- ~~in 4.2.7 it has been clarified that the tank level should be measured and recorded simultaneously with the temperature;~~
- ~~In 7.4.4.1 it has been clarified regarding the procedure prior to making adjustments against manual measurements;~~
- ~~Added addition documents in Bibliography.~~
- ~~in Clause 2, the reference to ISO 8697 has been removed as it is a withdrawn document;~~
- ~~in 4.2.7, it has been clarified that the tank level should be measured and recorded simultaneously with the temperature;~~

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— in 7.4.4.1, it has been clarified regarding the procedure prior to making adjustments against manual measurements;

— added addition documents in Bibliography.

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 ~~www.iso.org/members.html~~.

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Introduction

Marine automatic level gauges (ALGs) are not normally used in fiscal or custody transfer applications because of the limitations described in Annexes A and B. However, level measurement by marine ALGs may be used in fiscal or custody transfer when no other alternative, reliable measurement is available. The use of marine-vessel-based ALGs in fiscal or custody transfer normally requires mutual contractual agreement between the buyer and the seller and can be subject to government regulations.

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