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**Petroleum measurement systems —  
Calibration — Temperature corrections for  
use when calibrating volumetric proving  
tanks**

*Systèmes de mesure du pétrole — Étalonnage — Corrections de  
température à utiliser lors de l'étalonnage des jauges étalons*

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## Foreword

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

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.

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

International Standard ISO 8222 was prepared by Technical Committee ISO/TC 28, *Petroleum products and lubricants*, Subcommittee SC 3, *Static petroleum measurement*.

This second edition cancels and replaces the first edition (ISO 8222:1987), which has been technically revised.

This revision includes an equation for calculation of the density of water in the range 1,0 °C to 40 °C derived from density determinations on water carried out at the CSIRO National Measurement Laboratory, Australia, and published in 1994. It is expressed in terms of the International Temperature Scale of 1990, ITS-90. The equation in ISO 8222:1987 was based on work published in 1971 by PTB, Germany, expressed in terms of the International Practical Temperature Scale of 1968, IPTS-68.

Annex A forms a normative part of this International Standard. Annex B is for information only.