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Measurement of fluid flow by means of pressure differential devices — Guidelines on the effect of departure from the specifications and operating conditions given in ISO 5167

*Mesurage du débit des fluides au moyen d'appareils déprimogènes —
Lignes directrices relatives aux effets des écarts par rapport aux
spécifications et aux conditions d'utilisation données dans l'ISO 5167*



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Foreword

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This document was prepared by Technical Committee ISO/TC 30, *Measurement of fluid flow in closed conduits*, Subcommittee SC 2, *Pressure differential devices*.

This third edition cancels and replaces the second edition (ISO/TR 12767:2007), which has been technically revised.

The main changes are as follows:

- editorial changes throughout the document.

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.

Introduction

ISO 5167 series specifies methods for flowrate measurement using pressure differential devices. Adherence to ISO 5167 series results in flowrate measurements whose uncertainty lies within specified limits. If, however, a flow-metering installation departs, for whatever reason, from the conditions specified in ISO 5167 series, the specified limits of uncertainty might not be achieved. Many metering installations exist where these conditions either have not been or cannot be met. In these circumstances, it is usually not possible to evaluate the precise effect of any such deviations. However, a considerable amount of data exists which can be used to give a general indication of the effect of non-conformity to ISO 5167 series and it is presented in this document as a guideline to users of flow-metering equipment.