

Measurement of fluid flow in closed conduits

Part 6.1: Volumetric methods — By mass

Amendment No. 1

International adoption identical

Publishing and Approval Dates

Council of Standards Australia Approval: 29 May 2023

Published: 16 June 2023

Summary

This Amendment applies to the following elements:

- Front cover
- Preface
- Amendment 1

Amendment Details

AS 2360.6.1—1993 is amended as follows. The amendments should be inserted in the locations as instructed.

Element	Instruction/New text
Front cover	After “ISO 4185:1980” add the following: ISO 4185:1980/Cor 1:1993 (Incorporating Corrigendum No. 1)
Preface	<ol style="list-style-type: none"> 1 After the first paragraph, <i>add</i> the following: Amendment No. 1 to this Standard was prepared by the Standards Australia Committee CE-024, Measurement of Water Flow in Open Channels and Closed Conduits. 2 Delete first paragraph and <i>replace</i> with the following: This Standard was prepared by the Standards Australia Committee CE-024, Measurement of Water Flow in Open Channels and Closed Conduits. It is identical with and has been reproduced from ISO 4185:1980, <i>Measurement of liquid flow in closed conduits — Weighing method</i>, and its Corrigendum No. 1 (1993) which has been added at the end of the source text.
Amd 1 (new)	After Annex D: AS 2360.6.1, <i>add</i> the following Corrigendum No. 1 (1993):

Corrigendum 1 Technical corrigendum 1 to International Standard ISO 4185:1980 was prepared by Technical Committee ISO/TC30, *Measurement of fluid flow in closed conduits*.

Page 2

1.5 Notation

Designation of q_a , delete "(at 20 °C and 1 bar*)"; delete the footnote "* 1 bar = 10⁵ Pa".

Page 19

Annex C, equation (1)

Replace the existing equation (1) with the following equation (1). (The brackets have been enlarged to include the entire fraction.)

$$s_x = \left[\frac{\sum_{i=1}^n (X_i - \bar{X})^2}{n-1} \right]^{1/2} \quad (1)$$