

INTERNATIONAL STANDARD

ISO
9951

First edition
1993-12-01

Measurement of gas flow in closed conduits — Turbine meters

Mesure de débit de gaz dans les conduites fermées — Compteurs à turbine



Reference number
ISO 9951:1993(E)

Contents

Page

1	Scope	1
2	Normative references	1
3	Definitions and symbols	1
3.1	Definitions	1
3.2	Symbols and subscripts	2
4	Principle of the method of measurement	3
5	Flowrates	3
6	Meter construction	3
6.1	General	3
6.2	Materials	3
6.3	Shell	3
6.4	Connections and maximum flowrates	3
6.5	Length	3
6.6	Pressure tapings	3
6.7	Flow direction	4
6.8	Meter having a removable meter mechanism	4
6.9	Overloading	4
6.10	Marking	4
7	Pressure testing	4
7.1	General	4
7.2	Test fluid	4
7.3	Strength test of the pressure-containing parts	4
7.4	Meter leakage test	5
8	Performance characteristics	5
8.1	Error	5

© ISO 1993

All rights reserved. No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization

Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland