

Measurement of fluid flow in closed conduits

Part 1. Pressure differential devices

Section 1.3 Method of measurement of gas flow by means of critical flow Venturi nozzles

Mesure du débit des fluides dans les conduites
fermées
Partie 1. Appareils déprimogènes
Section 1.3 Méthode de mesure du débit de gaz
au moyen de Venturi-tuyères en régime
critique

Durchflußmessung in geschlossenen Gerinnen
Teil 1. Druckdifferenzmeßgeräte
Abschnitt 1.3 Durchflußmessung mit
Venturidüsen bei kritischer Strömung von
Gasen

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Industrial-process Measurement and Control Standards Policy Committee (PCL/-) to Technical Committee PCL/2, upon which the following bodies were represented:

- British Compressed Air Society
- British Gas plc
- Department of Energy (Gas and Oil Measurement Branch)
- Department of Trade and Industry (National Engineering Laboratory)
- Electricity Industry in United Kingdom
- Energy Industries Council
- GAMBICA (BEAMA Ltd.)
- Institute of Measurement and Control
- Institute of Petroleum
- Institute of Trading Standards Administration
- Institution of Gas Engineers
- Institution of Mechanical Engineers
- Society of British Gas Industries
- Water Services Association of England and Wales

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

- Engineering Equipment and Materials Users' Association
- Institution of Water and Environmental Management
- United Kingdom Offshore Operators' Association

This British Standard, having been prepared under the direction of the Industrial-process Measurement and Control Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 31 October 1991

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Measurement of fluid flow in closed conduits
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Section 1.3 Method of measurement of gas flow by means of
critical flow Venturi nozzles

NOTE. The European Committee for Standardization (CEN) has accepted ISO 9300 : 1990 as a European Standard designated as EN ISO 9300 : 1995. This amendment implements EN ISO 9300 : 1995 as a British Standard in the BS EN series.

Implementation of European Standard

Front cover

Delete the outside front cover and substitute the attached.

AMD 8878/December 1995

National foreword

At the end of paragraph 1 insert the following new paragraph.

In 1995 the European Committee for Standardization (CEN) accepted ISO 9300 : 1990 as European Standard EN ISO 9300 : 1995. As a consequence of implementing the European Standard this British Standard is renumbered as BS EN ISO 9300 and any reference to BS 1042 Section 1.3 should be read as a reference to BS EN ISO 9300.

AMD 8878/December 1995

EN title page and foreword

Immediately after the national foreword insert the attached EN title page and foreword page.

AMD 8878/December 1995

Measurement of gas flow by means of critical flow Venturi nozzles

The European Standard EN ISO 9300 : 1995 has the status of a
British Standard

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Descriptors: pipe flow, gas flow, flow measurement, Venturi tubes

English version

Measurement of gas flow by means of critical flow Venturi nozzles

(ISO 9300 : 1990)

Mesure de débit de gaz au moyen de
Venturi-tuyères en régime critique
(ISO 9300 : 1990)

Durchflußmessung von Gasen mit Venturidüsen
bei Kritischer Strömung
(ISO 9300 : 1990)

This European Standard was approved by CEN on 1995-03-07. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

This European Standard has been taken over by CEN from the work of ISO/TC 30, Measurement of fluid flow in closed conduits, of the International Organization for Standardization (ISO).

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 1995, and conflicting national standards shall be withdrawn at the latest by September 1995.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
Method	
1 Scope	1
2 Definitions and symbols	1
3 Basic equations	2
4 Applications for which the method is suitable	4
5 Standard critical flow Venturi nozzles	4
6 Installation requirements	6
7 Calculation methods	8
8 Uncertainties in the measurement of flow-rate	9
Annexes	
A Venturi nozzle discharge coefficients	11
B Tables of values of the critical flow function C^* for various gases	12
C Computation of real gas critical flow coefficient for natural gases	14
D References from which the standard critical flow Venturi nozzle discharge coefficients were obtained	15
E Bibliography	16
Tables	
1 Symbols	3
2 Coefficients a , b and n	8
A.1 Toroidal throat Venturi nozzle discharge coefficients	11
A.2 Cylindrical throat Venturi nozzle discharge coefficients	11
B.1 Values of C^* for nitrogen	12
B.2 Values of C^* for oxygen	12
B.3 Values of C^* for argon	12
B.4 Values of C^* for methane	13
B.5 Values of C^* for carbon dioxide	13
B.6 Values of C^* for air	13
B.7 Values of C^* for steam	13
C.1 Coefficient a_c	14
C.2 Coefficient b_c	14
Figures	
1 Toroidal throat Venturi nozzle	5
2 Cylindrical throat Venturi nozzle	6
3 Installation requirements for an upstream pipework configuration	7
4 Detail of a wall pressure tapping when an upstream pipeline is used	7
5 Maximum permissible back-pressure ratio for critical flow Venturi nozzles	9