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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION•МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ•ORGANISATION INTERNATIONALE DE NORMALISATION

Pipe components — Definition of nominal pressure
AMENDMENT 1

Tuyauterie — Définition de la pression nominale
Amendement 1

Amendment 1 to International Standard ISO 7268-1973 was developed by Technical Committee ISO/TC 5, *Ferrous metal pipes and metallic fittings.* It was submitted directly to the ISO Council, in accordance with clause 6.11.2, part 1 of the *Directives for the technical work of ISO.*

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Clause 2 Definition

Delete the text and substitute :

nominal pressure (PN) : A numerical designation which is a convenient rounded number for reference purposes.

All equipment of the same nominal size (DN) designated by the same PN number shall have compatible mating dimensions.

NOTES

1 The maximum allowable working pressure depends on materials, design and working temperatures, and should be selected from the tables of pressure/temperature ratings given in the appropriate standards.

2 It is designated by the letters "PN" followed by the appropriate reference number.

UDC 621.643.4 : 532.11 **Ref. No. ISO 7268-1983/A1-1984 (E)**

Descriptors : piping, metal tubes, pipe flanges, pressure, definitions, ratings.

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First edition — 1983-05-01

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been authorized has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 7268 was developed by Technical Committee ISO/TC 5, *Ferrous metal pipes and metallic fittings*, and was circulated to the member bodies in November 1980.

It has been approved by the member bodies of the following countries:

Belgium
Brazil
Canada
Czechoslovakia
Finland
France
Germany, F.R.
Hungary
India
Ireland
Israel
Italy
Japan
Korea, Dem. P. Rep. of
Korea, Rep. of
Netherlands
Norway
South Africa, Rep. of
Spain
Sweden
Switzerland
United Kingdom
USA

The member bodies of the following countries expressed disapproval of the document on technical grounds:

Australia
Poland
Romania
USSR

Printed in Switzerland

INTERNATIONAL STANDARD ISO 7268-1983 (E)

Pipe components — Definition of nominal pressure

1 Scope and field of application

This International Standard gives the definition of nominal pressure when applied to components of a metallic piping system, and states two series of PN ratings for use with these same components.

2 Definition

nominal pressure (PN): A numerical designation relating to pressure that is a convenient round number for reference purposes.

It is intended that all equipment of the same nominal size (DN) designated by the same PN number shall have the same mating dimensions appropriate to the type of end connections.

The permissible working pressure depends upon materials, design and working temperature and has to be selected from the pressure/temperature rating tables in corresponding standards.

3 Series of ratings for flanges

The ratings for flanges shall be selected from:

Series 1*	Series 2*
PN 10	PN 2,5
PN 16	PN 6
PN 20	PN 25
PN 50	PN 40
PN 100	
PN 150	
PN 250	
PN 420	

* Series 1 ratings are the basic ratings and Series 2 ratings those which will be constantly monitored for possible deletion, with PN 40 having a limited application.