
International Standard



6552

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Automatic steam traps — Definition of technical terms

Purgeurs automatiques de vapeur d'eau — Définition des termes techniques

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (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 set up 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 6552 was developed by Technical Committee ISO/TC 153, *General purpose industrial valves*, and was circulated to the member bodies in March 1979.

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

Australia	Germany, F.R.	Poland
Austria	India	Romania
Belgium	Italy	Sweden
Canada	Japan	Switzerland
Chile	Korea, Rep. of	United Kingdom
Denmark	Libyan Arab Jamahiriya	USA
Finland	Netherlands	USSR
France	Norway	

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

Czechoslovakia
South Africa, Rep. of

Automatic steam traps — Definition of technical terms

0 Introduction

The purpose of this International Standard is to establish precise definitions for technical terms and expressions which are commonly used to describe with a certain accuracy an automatic steam trap under operating conditions.

This International Standard has to be considered in conjunction with every other International Standard using these terms and expressions to describe the technical characteristics or performances of an automatic steam trap.

1 Scope and field of application

This International Standard gives the definitions of the major technical terms and expressions used to describe an automatic steam trap as far as dimension, pressure, temperature and flow rate are concerned, as well as their corresponding symbols and units.

2 Definition of technical terms

2.1 Dimension

Term	Symbol	Unit	Definition
Nominal size	DN	—	<p>Numerical designation of size which is common to all components in a piping system, other than components designated by outside diameters. It is a convenient round number for reference purposes and is only loosely related to manufacturing dimensions.</p> <p>In any case, the nominal size DN cannot be subject to measurement and shall not be used for purposes of calculation.</p>