
International Standard



6553

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

Automatic steam traps — Marking

Purgeurs automatiques de vapeur d'eau — Marquage

First edition — 1980-10-15

STANDARDSISO.COM : Click to view the full PDF of ISO 6553:1980

UDC 621.186.6

Ref. No. ISO 6553-1980 (E)

Descriptors : industrial valves, traps, steam, marking.

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 6553 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 :

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	
Germany, F. R.	Poland	

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

Australia
Czechoslovakia
South Africa, Rep. of

Automatic steam traps — Marking

0 Introduction

The purpose of this International Standard is to establish certain basic requirements for the marking of automatic steam traps, and to give recommendations for additional information markings.

This International Standard has, in general, to be considered in conjunction with the specific requirements which may be agreed between the parties concerned.

1 Scope and field of application

This International Standard specifies mandatory and optional markings for automatic steam traps.

2 Reference

ISO 6552, *Automatic steam traps — Terminology*.¹⁾

3 General requirements

The specified markings shall be applied.

- either on the body, or
- on plates integral with the body or securely fixed on the body.

In no case shall the markings be hidden by the fixing elements of the steam trap.

4 Mandatory marking

The following items shall be mandatorily marked on the automatic steam traps :

- Manufacturer's name and/or trademark
- Maximum allowable pressure (bar or MPa)²⁾
- Maximum allowable temperature (°C)
- Indication of the flow direction (arrow)

5 Optional markings

- Nominal pressure (PN)
- Maximum operating pressure, or maximum differential pressure, according to the relative significance of each one
- Shell material designation³⁾
- Nominal size (DN)
- Maximum test pressure (bar or MPa)

6 Additional markings

A manufacturer having complied with the above requirements may

- a) mark any of the above mentioned items in more than one place; for example, if an item is marked on the body, it may also be repeated on the identification plate;
- b) add any other markings, for example, catalogue item numbers, providing that there is no risk of confusion between these markings and those mentioned above.

1) At present at the stage of draft.

2) 1 bar = 0,1 MPa

3) Preferably ISO reference.