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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 12224-2015

Replacing GB/T 12224-2005

General requirements for industrial steel valves

钢制阀门 一般要求

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Foreword

This Standard is drafted in accordance with the rules given in GB/T 1.1-2009.

This Standard replaces GB/T 12224-2005 “General requirements for industrial steel valves”. Compared with GB/T 12224-2005, the main technical changes except editorial modifications are as follows:

- MODIFY the method for determining “pressure-temperature rated values”;
- ADD the relevant materials of pressure-bearing members;
- PUT the requirements for special pressure level valves into the text;
- RE-GIVE the pressure-temperature rated values of the materials of pressure-bearing members of Class series valves;
- ADD the pressure rated values of Class series valves;
- ADD the requirements for defined pressure level valves;
- ADD the diameter and depth of socket weld holes;
- ADD the content of butt-welded ends;
- ADD the pressure level of PN series valves;
- ADD the grouping of the materials of pressure-bearing members of PN series valves;
- ADD the pressure-temperature rated values of the materials of pressure-bearing members of PN series valve;
- ADD the minimum wall thickness of the housing of PN series valve;
- ADD the minimum wall thickness of the socket welded and threaded end of PN series valve;
- ADD Annex A Requirements for defined pressure level valves;
- ADD Annex B Basic formulas for minimum wall thickness;
- ADD Annex D.4 Method for determining intermediate rated values;
- ADD Annex D.5 Maximum rated values.

This Standard was proposed by China Machinery Industry Federation.