

Translated English of Chinese Standard: JB/T106-2004

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MECHANICAL INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

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JB/T 106-2004

Replacing JB/T 106-1978

Valves marking and paint

阀门的标志和涂漆

Issued on: October 20, 2004

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Foreword

This standard is a revision of JB/T 106-1978 “Valve - Marking and identification paint”.

As compared with JB/T 106-1978, the main technical contents of this standard are as follows:

- In accordance with the change of the standard's content, CHANGE standard name from “Valve - Marking and identification paint” to “Valves marking and paint”;
- ADD normative references;
- ADD the marking pattern for valve's drift diameter and pressure code, MODIFY the marking pattern in angular form;
- MODIFY the provisions on the size of the casting mark and the font's stamping depth of the stamped mark;
- MODIFY the provisions on “valve material identification paint”;
- DELETE the “identification paint of valve's sealing surface material”;
- MODIFY the requirements for the paint color of the valve's drive device.

This standard replaces JB/T 106-1978.

This standard was proposed by the China Machinery Industry Federation.

This standard shall be under the jurisdiction of the National Valve Standardization Technical Committee.

Drafting organization of this standard: Hefei General Machinery Research Institute.

Drafters of this standard: Wang Xiaojun, Huang Mingya, Song Zhongrong.

This standard replaces the standard previously issued as follows:

- JB/T 106-1978.

Valves marking and paint

1 Scope

This standard specifies the marking content, marking pattern, marking method and size, paint color of valve of various general-purpose valves.

This standard applies to all types of general-purpose valves.

2 Normative references

The provisions in following documents become the provisions of this standard through reference in this standard. For the dated references, the subsequent amendments (excluding corrections) or revisions do not apply to this standard; however, parties who reach an agreement based on this standard are encouraged to study if the latest versions of these documents are applicable. For undated references, the latest edition of the referenced document applies.

GB/T 12220 General valve - Signs (GB/T 12220-1989, idt ISO 5209:1977)

3 Signs and marking methods

3.1 Content of sign

The outer surface of the valve's pressure bearing body shall be marked with a permanent sign in accordance with the provisions of GB/T 12220. The contents of the sign shall include the valve's drift diameter, pressure code or working pressure code, material grade or code, manufacturer name or trademark, furnace number (casting valve). The valve with flow requirements shall be marked with the arrow of the flow direction of the medium.

3.2 Marking method of sign

3.2.1 When the valve body is formed by casting or die-casting method, its sign shall be casted or die-casted on the valve body together with the valve body.

3.2.2 When the shape of the valve body is formed by the die-forging method, the sign may be marked on the valve body by stamping, in addition to the die-forging or die-casting together with the valve body. When the shape of the valve

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