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

GB/T 28777-2012

**Process valve qualification procedure for the petrochemical
industry**

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Foreword

This standard rule according to GB/T 1.1-2009 given draft.

This revised standard adopts API591.2008 "valve quality assessment procedures."

This standard is based on API591.2008 re-drafting of this standard and API591.. 2008 compared to the main changes are as follows.

--- With our standard API instead of the standard file normative references;

--- Removed API591.2008 standard terms such as. acceptance criteria, the buyer, quality assurance, etc. These terms are not present standard

Specific terms, this standard has no special meaning;

--- Not used API591.2008 Chapter 5, "factory quality assurance procedures" content, according to China's laws and regulations, technical specifications related

Claim;

--- Not used API591.20086.4.12 bolt hardness and material tensile strength of the relationship described.

The standard proposed by China Machinery Industry Federation.

The standard valve by the National Standardization Technical Committee (SAC/TC188) centralized.

This standard is mainly drafted by. Hefei General Machinery Research Institute, Hefei General Machinery Products Inspection Institute, Suzhou Neway Valve Co., Ltd.,

Sinopec Yizheng Chemical Fiber Co., Ltd., Anhui Tunxi High Pressure Valve Co., Ltd., Paul

Group Co., Ltd., have Bethel Valve Group Limited.

1 Scope

This standard specifies the petrochemical industry with both valve, closing valves, ball valves, check valves, butterfly valves, plug valves responsibilities valve assessment, Documentation Service

Management, reassessment of valves and other content.

This standard as a measure of the valve manufacturer valve structure and quality assessment procedures, but does not replace the valve factory acceptance criteria.

The standard assessment refers only valve manufacturer has been assessed in its local manufacturing valves, not included in other parts of the plant manufacturing the valve.

Valve other similar structures can be assessed with reference to the requirements of this standard.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated edition applies to this article

Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 12224 steel valves - General requirements (GB/T 12224-2005, ASMEB16.34a-1998, NEQ)

GB/T 12234 Oil, gas industry stud bonnet steel gate valves (GB/T 12234-2007, ISO 10434. 2004/API600.2001, NEQ)

GB/T 12235 Oil, petrochemical and steel globe valves and related industrial lift check valve

GB/T 12237 petroleum, petrochemical and allied industries of steel ball (GB/T 12237-2007, ISO 17292.2004 /

API608-2002, NEQ)

GB/T 12238 Flange and wafer elastic sealing butterfly valve

GB/T 22130 steel plug

GB/T 26480 Valve inspection and test (GB/T 26480-2011, API598.2009, MOD)

JB/T4730.2 pressure equipment Non-destructive testing - Part 2. ray detector

JB/T4730.4 pressure equipment Non-destructive testing - Part 4. Magnetic particle testing

JB/T4730.5 pressure equipment Non-destructive testing - Part 5. penetrant testing

JB/T6440 pressure valve castings Radiographic examination

JB/T7746 Compact steel valves

JB/T7927 valve castings appearance quality requirements

JB/T8527 metal sealing butterfly valve

JB/T8937 Wafer Check Valve

3.1 Buyer's responsibility

The buyer or his representative can investigate valve manufacturer, and the manufacturer of the valve casting, forging plant's External inspection, indeed

Identify whether purchased valve having a valve factory production qualification and ability.

3.2 Liability of the manufacturer

Access should be provided to the buyer based on mutual agreement samples and relevant documents.