



**SINCE 2003**

**KAIRUTE**

**Flow Control Solutions for  
Petroleum Applications.**

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**Our mission is to create a  
win-win situation with our customers.**

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[www.kairuitevalves.com](http://www.kairuitevalves.com)

**KAIRUTE VALVE GROUP CO.,LTD.**



## ABOUT US

Kairuite Valve Group Co., Ltd., founded in 2003, is a manufacturer and solution provider that has committed to R&D, design and manufacture high-quality industrial valves for 21 years.

Located in Nanbin Street, Ruian City, Zhejiang Province, P.R.China, our workshop covers 250000 sq. ft area, with advanced production facilities and national standard laboratory. The total annual output has reached 70 million dollars in 2023.

According to customer's requirements, we have committed to develop and manufacture ball valves, gate valves, butterfly valves, globe valves, plug valves, check valves, cryogenic valves, control valves and other special valves. The products are served to a wide range of applications, including petroleum and coal chemical industry, oil & gas pipeline transportation, long distance pipeline, metallurgy, power, aerospace, water conservancy, nuclear power, LNG and other industry.

To keep up with the emerging trends in the global market, we have been certificated with CCC, API 6A/6D/594/600/602/608/609, CE/PEC, EA(CU-TR), as well as meet ISO9001, ISO14001, ISO45001 standard. With a commitment to technical innovation, high-quality products, customer satisfaction and continuous improvements, we have endeavored to invest a lot in R&D, quality management system and team training to maintain our competitive edge and achieve long-term success.



**KAIROUTE**

# QUALITY CONTROL

We continuously improve our quality management system and strictly adhere to the requirements of ISO, API, PED and TS, to ensure our products meet customer's need and have zero defects.

In addition, there is a laboratory accredited by CNAS (China National Accreditation Service for Conformity Assessment) in our headquarter, with precise testing equipment to do Non-Destructive Examination (RT, UT, MT, PT, VT) , three-coordinates measuring, cryogenic impact test, hardness test, chemical analysis, pressure test, high-temperature test, low-helium leakage test, vacuum test, salt spray test, high-pressure gas test and valve life cycle test.

Based on the digital platform, we build a comprehensive quality control and testing system to track the ongoing process that monitors all processes from purchasing through to manufacturing and distribution.



# CERTIFICATES



Business License

**Certificate of Authority to use the Official API Monogram**  
License Number: **6A-2501** ORIGINAL

The American Petroleum Institute hereby grants to  
**KAIRUTE VALVE GROUP CO., LTD**  
 Nanbin High Tech Industry Zone  
 Ruian, Zhejiang  
 People's Republic of China

the right to use the Official API Monogram<sup>®</sup> on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1<sup>®</sup> and **API-6A** and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: **6A-2501**

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Gate, Ball, Plug Valves at PSL 1, PSL 2, PSL 3

QMS Exclusions: Servicing

**Effective Date: APRIL 26, 2024**  
**Expiration Date: JUNE 27, 2027**

*Anchal Liddar*  
Senior Vice President of Global Industry Services

To verify the authenticity of this license, go to [www.api.org/compositelist](http://www.api.org/compositelist).



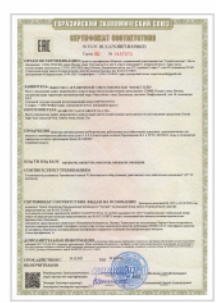
TS Certificate



CNAS Lab.



CE



EAC(CU-TR)

- API 6A-2501  
API 602-0152
- API 6D-0889  
API 608-0066
- API 594-0047  
API 609-0247
- API 600-0377



API607 Fire Test



API 6FA Fire Test



ISO 9001



ISO 14001



ISO 45001



ISO 50001

## GATE VALVES

- **Nominal Diameter**  
DN50~DN1600 (2"~64")
- **Nominal Pressure**  
PN1.6~42.0MPa (150Lb~2500Lb)
- **Application Temperature**  
-46°C~730°C
- **Design Standard**  
API 600, ASME B16.34, GB/T 12234, etc.
- **Medium**  
Water, steam, oil and corrosive medium, etc.



## GLOBE VALVES

- **Nominal Diameter**  
DN50~DN400 (2"~16")
- **Nominal Pressure**  
PN1.6~42.0MPa (150Lb~2500Lb)
- **Application Temperature**  
-46°C~730°C
- **Design Standard**  
BS1873, ASME B16.34, GB/T 12235, etc.
- **Medium**  
Water, steam, oil and corrosive medium, etc.



## CHECK VALVES

- **Nominal Diameter**  
DN50~DN1200 (2"~48")
- **Nominal Pressure**  
PN1.6~42.0MPa (150Lb~2500Lb)
- **Application Temperature**  
-46°C~730°C
- **Design Standard**  
BS1868, API6D, ASME B16.34, GB/T 12236, etc.
- **Medium**  
Water, steam, oil and corrosive medium, etc.



## BALL VALVES

- **Nominal Diameter**  
DN50~DN1400 (2"~56")
- **Nominal Pressure**  
PN1.6~42.0MPa (150Lb~2500Lb)
- **Application Temperature**  
-46°C~595°C
- **Design Standard**  
API608, API6D, ASME B16.34, GB/T 12237, etc.
- **Medium**  
Water, steam, oil, natural gas, hydrocarbon, etc.



## BUTTERFLY VALVES

- **Nominal Diameter**  
DN50~DN3000 (2"~120")
- **Nominal Pressure**  
PN1.6~25.0MPa (150Lb~900Lb)
- **Application Temperature**  
-29°C~595°C
- **Design Standard**  
API609, ASME B16.34, AWWA C504, GB/T 12238, etc.
- **Medium**  
Water, steam, oil, natural gas, etc.



## PLUG VALVES

- **Nominal Diameter**  
DN50~DN900 (2"~36")
- **Nominal Pressure**  
PN1.6~42.0MPa (150Lb~2500Lb)
- **Application Temperature**  
-46°C~200°C
- **Design Standard**  
API6D, API599, ASME B16.34, GB/T 22130, etc.
- **Medium**  
Oil, natural gas, chemicals, etc.



**FLAT GATE VALVES**

- **Nominal Diameter**  
DN50~DN1200 (2"~48")
- **Nominal Pressure**  
PN1.6~42.0MPa (150Lb~2500Lb)
- **Application Temperature**  
-46°C~121°C
- **Design Standard**  
API6D, ASME B16.34, GB/T19672, etc.
- **Medium**  
Oil, natural gas, etc.



**CRYOGENIC VALVES**

- **Nominal Diameter**  
DN15~DN600 (1/2"~24")
- **Nominal Pressure**  
PN1.6~42.0MPa (150Lb~2500Lb)
- **Application Temperature**  
-196°C~200°C
- **Body Material**  
CF8, CF8M, CF3, CF3M, F304, F316, F304L, F316L
- **Trims Material**  
316
- **Design Standard**  
API600, API6D, API608, BS1868, BS1873, BS6364, GB/T24925, etc.
- **Medium**  
LNG, ethylene and other cryogenic mediums



**FORGED STEEL VALVES**

- **Nominal Diameter**  
DN15~DN50 (1/2"~2")
- **Nominal Pressure**  
PN1.6~76.0MPa (150Lb~4500Lb)
- **Application Temperature**  
-46°C~730°C
- **Design Standard**  
API 602, ASME B16.34, JB/T 7746, etc.
- **Medium**  
Water, oil, natural gas, steam, etc.



凯瑞特阀门技术省级企业研究院

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VALVE Flow Control



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