## **Project References**

ASSA NORTH / OHAJI SOUTH - OB3 CTMS GAS PIPELINE PROJECT

UZBEKISTAN GAS TO LIQUID PROJECT

FIRST GAS COMPRESSION STAGE RECONSTRUCTION AT CHERVONODONETS

KIRBY NORTH SAGD PADS KN06 AND KN07 PIPELINE PROJECT

WDGC AND TALKHA/ SHABSHEER GAS PIPELINE PROJECT

ANDALAS PIPELINE PROJECT

MFM MOGAS PROJECT

SHELL ARGENTINA PROJECT

ZHEJIANG ZHOUSHAN LNG RECEIVING STATION PIPELINE PROJECT

WENCHANG-QIONGHAI-SANYA PIPELINE PROJECT



# **W** NEWAY **NEWAY VALVE (SUZHOU) CO., LTD.**

No.666 Taishan Road, Suzhou New District, P.R. China Post Code:215129

Tel:86-512-666-51365

Fax: 86-512-666-18930-2102

E-mail: overseas.sales@neway.com.cn http://www.newayvalve.com

in Neway Valve

# Overseas

### NEW STRATEGIC GAS EXPORT PIPELINE FROM NORTH KUWAIT TO MAA PROJECT

HURGHADA/SAFAGA 24" GAS PIPELINE PROJECT

MARJAN INCREMENT PROJECT

### China Domestic

JINGBO OIL PIPELINE PROJECT

GUANGDONG LNG PIPELINE PROJECT

QIANJIANG-SHAOGUAN GAS PIPELINE POJECT



## **Pipeline Transport System**

■ Pipeline transport plant









crude fluid

## **Application Characteristics of Pipeline Transport Valve in System**

Valve type	Characteristics	Advantage
Slab Gate Valve	Through conduit cylindrical Double block and bleed Bi-directional torque seal	Small flow resistance and reliable sealing     Cavity pressure self-relief
Check Valve	<ul> <li>Mainly used on non-return pipeline and protect important equipment.</li> <li>Fully opening Swing type, Axial-flow type</li> </ul>	Good flow performance and easy operation     Fully opening for Pigging
Triple Offset Butterfly Valve	A possible alternative solution for pipelines without though conduit service.	<ul> <li>Space saving and weight saving</li> <li>Quick opening with regulating function</li> <li>Triple offset metal seated tight shutoff sealing performance</li> </ul>
Ball Valve	<ul> <li>Mainly used for guiding and cutting off in pipelines</li> <li>Seat multiple seal</li> <li>DBB or DIB function</li> <li>Underground extension</li> </ul>	<ul> <li>Suitable for quick open and close conditions.</li> <li>High flow performance</li> <li>Reliable sealing</li> <li>According to the different sealing structure it can also be used for suspended solid particles</li> </ul>

· Emergency sealant injection

Fully welded type

## **Application**

Pipeline transportation, especially oil and gas long-distance pipeline, has become the mainstream solution of modern energy transportation. The global hub pipeline network will be gradually expanded, indicating the peak of pipeline construction in the upcoming



### Natural Gas Transmission





#### Crude Oil and Pre-purified Acid Gas Pipelines







### ■ Crude Oil Tank Terminal Pipelines









industries through advanced engineering

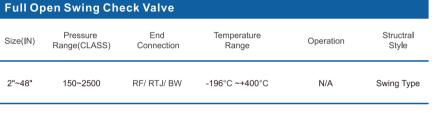
and innovation.

http://www.newayvalve.com

## **Product Range**

Slab G	Slab Gate Valve					
Size(IN)	Pressure Range(CLASS)	End Connection	Temperature Range	Operation	Structral Style	
2"~48"	150~2500	RF/ RTJ/ BW	-196°C ~+400°C	Manual/ Motor Pneumatic/ Hydraulic	OS&Y	

- Fire safe design
- · Cavity pressure self-relief
- Pigging function
- Through Conduit Cylindrical
- Position indication
- · Optional fugitive emission design
- Optional Cryogenic design



- Ball-like pin structure provide self-alignment, which ensure the stable sealing performance
- Optimal flow design & the maximum flow capacity by fluid analysis software simulation
- Dedicated accurate and match grinding to guarantee the sealing performance in low temperature
- Optional heavy hammer damping device
- Optional soft-seated
- · Optional Cryogenic design

Triple Offset Butterfly Valve							
Size(IN)	Pressure Range(CLASS)	End Connection	Temperature Range	Operation	Structral Style		
3"~120"	150~2500	WAFER/LUG/ RF/BW	-196°C ~+400°C	Manual / Motor Pneumatic / Electro-hydraulic	N/A		

- · The sealing surface disconnects instantly and has a long service life
- Bidirectional sealing
- Short opening and closing time
- Equal percentage flow characteristics can be used to regulate the flow
- · Universal sealing ring for easy maintenance
- Optional Cryogenic design









Size(IN)	Pressure Range(CLASS)	End Connection	Temperature Range	Operation	Structral Style	The state of the s
2"~60"	150~2500	RF/ RTJ/ BW	-196°C ~+400°C	N/A	Axial flow type	
Streaml	line bore, spindle di	sc, small pressure	e drop			

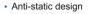
- · Instant response, no impact, low noise
- · High CV, low opening pressure
- · Vertical or horizontal installation

Axial-flow Check Valve

- · Integrity design without external leakage point
- Optional Cryogenic design
- Fire safe design

runnion Mounted Ball Valve							
ze(IN)	Pressure Range(CLASS)	End Connection	Temperature Range	Operation	Structral Style		
					Fully welded/		

-196°C ~+400°C



- · Blow-out proof stem
- · Cavity pressure self-relief
- · Emergency sealant injection
- On-line maintenance can be achieved by top-entry series
- · Interchangeable between single piston effect and double piston effect seat

RF/ RTJ/ BW

- · Optional locking device
- · Optional fugitive emission design
- · Optional Cryogenic design
- · Fire safe design





### Pipeline Service Valves

- Fire safe design
- Pigging function
- Stem extension
- DBB or DIB function
- Emergency sealant injection
- Seat multiple seal
- High integrity (zero leakage, low emission, broken pipe protection)
- On-line valve position observation
- Long service life (30 years free of maintenance)
- Certified fugitive emission graphite packing (API, ISO, TA-LUFT, SHELL SPEC)

## **Certificates of Neway Pipeline Transport Industry Valve**

(including but not limited to the following certificates)

- API 6D Certificate
- FE Certificate
- Fire-Safe Certificate
- CE, ATEX Certification for the European Union
- Special Equipment Manufacturing License in China



#### About Neway



Neway is a global valve manufacturer committed to the research/development, production, and sale of high-quality industrial valves. Our product scope includes Gate, Globe, Check, Ball, Butterfly, Nuclear, Control, Subsea, Safety valves and Well-Head equipment. Our valves are widely supplied to industries including Oil & Gas, Refining, Chemical/Petrochemical, Pipeline, LNG, On/Offshore Exploration & Production, Power, and Renewable/Green Energy applications. Neway's owned and vertically integrated R & D center, forging/casting plants, and production/assembly bases allow us to control all business processes to ensure a stable supply chain, rigorous quality control standards, and competitive pricing/delivery options. Approximately 3,500 employees all over the world strive to provide Neway's superior products and excellent service to our customers



### **Neway Factory**

Neway adopts the group multi-factory management model and has one major valve assembly plant in China with 230,000m<sup>2</sup> coverage, one API 6A valve plant, three casting foundries, one forging factory and new plant for Butterfly valve. Neway also











In order to meet the application requirements of valves in different fields, Neway applies advanced software (ANSYS, FE-SAFE, MathCAD, Autodesk Simulation CFD, Foxpro, NX, etc.) for product research and development, and has established professional material laboratory and special engineering test, which can simulate various extreme conditions and lay a solid foundation for the research and development of high-end valves.







Neway implements global marketing and sales strategy, has established sales companies and offices subordinate to China HQ in China and overseas, such as America, Netherlands, Italy, Singapore UAE and Nigeria, and established strategic partnership with more than 80 overseas agents and distributors around the world.





Neway is committed to providing zero defects valves to our customers and controls quality from order input, production process, final test to on-site service. Neway products obtained all major industrial qualifications including ISO9001, API 6A, API 6D, CE/PED, CU-TR, ASME N & NPT, TA-Luft, ABS, Norsok and fire safe, FE certificate, etc. by our continuous efforts. Moreover, Neway has been approved as a qualified supplier by many world famous energy users. With its high-quality products and services, Neway has also been awarded the title of strategic supplier or "Best partner" by many customers.

