

Project References

Overseas

- FPSO MV23, MV24, MV26, MV27, MV29, MV30, MV31, MV32, MV33, MV34 PROJECT
- BAROSSA FPSO PROJECT
- LIZA UNITY FPSO EPCI PROJECT
- LIZA PROSPERITY FPSO PROJECT
- FPSO SEPETIBA (MERO 2) PROJECT
- FPSO ALMIRANTE TAMANDARÉ PROJECT
- SHELL WHALE PROJECT
- EPCI OF G1-61 FIELD PROJECT
- FPSO PIONEIRO DE LIBRA PROJECT
- CIDADE DE SAQUAREMA PROJECT
- SHELL PRELUDE FLNG PROJECT
- PETRONAS FLNG 1& FLNG2 PROJECT
- ANNA NERY FPSO-MARLIM FIELDS DEVELOPMENT PROJECT
- SHELL VITO PROJECT
- SHELL PENGUIN PROJECT
- ENI ANGOLA BLOCK 15/06 EAST HUB FPSO PROJECT
- EPC FOR NORTH PRODUCTION SUSTAINABILITY OFFSHORE PROJECT
- GALLAF 3 (AL SHAHEEN FIELD DEVELOPMENT) PROJECT
- ZAWTIKA DEVELOPMENT PROJECT

China Domestic

- LUFENG 12-3 FPSO PROJECT
- LINGSHUI 17-2 PROJECT
- JINZHOU 31-1 PROJECT
- CNOOC LVDA 5-2 PROJECT
- CNOOC DONGFANG 1-1 OIL FIELD PROJECT
- OFFSHORE OIL 163 PLATFORM PROJECT



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Neway Valve

Offshore System



Neway Offshore Valve

- ALMIRANTE TAMANDARE PROJECT
- FPSO ANITA GARIBALDI MV33 PROJECT



- EQUINOR BACALHAU PROJECT
- LIZA PROSPERITY FPSO PROJECT



- FPSO SEPETIBA (MERO 2) PROJECT
- ANNA NERY FPSO (CHARTER HIRING)-MARLIM 2 PROJECT

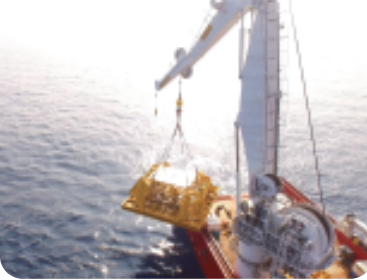


Application

Neway is a primary manufacturer of valves for offshore topside systems including Platforms, FPSO, and FLNG. Because of the severe operational conditions (corrosive environment, high pressure, salty air & water, deep water etc.), valves being used for offshore topside systems should be specially designed and manufactured with anti-corrosive material, sealing and paint.

■ Offshore Wind Farm Power

- Topside systems:**
- Seawater distribution
 - Seawater lift pumps
 - Seawater return
 - Diesel system
 - Cooling medium coolers
 - Cooling medium distribution
 - Cooling medium expansion tank
 - Oily water open drain system



■ Subsea Application

- Features:**
- External pressure
 - Corrosive seawater
 - Difficult access
 - Complex surroundings etc.

■ FPSO Topside Systems

- Topside module(Production facility)
- Hull(Storage tanks)
- Mooring system(lines, flowlines)
- Offloading facility



Offshore

As a well-known international industrial valve manufacturer, Neway is dedicated to the production and R&D of industrial valves. Neway is committed to providing complete industrial valve solutions to all industries through advanced engineering and innovation.

<http://www.newayvalve.com>



Product Range

Gate / Globe / Check Valve					
Size(IN)	Pressure Range(CLASS)	End Connection	Temperature Range	Operation	Structral Style
1/2" - 48"	150 - 4500	RF/ RTJ/ BW/ SW/ NPT/ HUB	-196°C - 650°C	Manual/ Motor Pneumatic/ Hydraulic	T-Pattern Globe Y-Pattern Globe Swing Type OS&Y
<div><div><ul style="list-style-type: none">Fugitive emission performance designY-pattern globe offering higher CV performanceInternally assembled hinge pin design, minimize external leakage pointsBall-like pin structure provide self-alignment, which ensure the stable sealing performanceOptimal flow design & the maximum flow capacity by fluid analysis software simulationDedicated accurate and match grinding to guarantee the sealing performance in low temperatureFire safe design</div><div><ul style="list-style-type: none">Integrated seat design for cryogenic globe valve and API 602 compact designed globe</div></div>					

Check Valve(Piston Type)					
Size(IN)	Pressure Range(CLASS)	End Connection	Temperature Range	Operation	Structral Style
1/2" - 2"	150 - 2500	RF/ RTJ/ BW SW/ NPT	-196°C - 650°C	N/A	Piston/ Lifting Type
<div><ul style="list-style-type: none">Integral closed die forged for flanged bodyBody guided & spring return disc structure, avoid operation jamming and vibrationTo prolong the service life, the seal surface is made of cobalt-based alloy by weld overlayFire safe design</div>					

Check Valve(Dual-plate Type)					
Size(IN)	Pressure Range(CLASS)	End Connection	Temperature Range	Operation	Structral Style
2" - 76"	150 - 2500	LUG/ RF/ Wafer RTJ/ HUB	-196°C - 650°C	N/A	Dual-plate Type
<div><div><ul style="list-style-type: none">Short length, light weight and compact structureLow flow resistance with desirable flow capacity, without water hammerRetainerless design, no external leakage point</div><div><ul style="list-style-type: none">Superior sealing capability via specialized production processFire safe design</div></div>					

Floating Ball Valve					
Size(IN)	Pressure Range(CLASS)	End Connection	Temperature Range	Operation	Structral Style
1/2" - 10"	150 - 2500	RF/ BW/ RTJ/ SW/ NPT	-196°C - 650°C	Manual/ Pneumatic	One piece type/ Side entry type
<div><div><ul style="list-style-type: none">Fire-safe & anti-static designBlow-out proof stemISO 5211 top flange</div><div><ul style="list-style-type: none">Optional locking deviceOptional fugitive emission design</div></div>					

Trunnion Mounted Ball Valve					
Size(IN)	Pressure Range(CLASS)	End Connection	Temperature Range	Operation	Structral Style
2" - 60"	150 - 2500	RF/ RTJ/ BW/ HUB	-196°C - 650°C	Manual/Pneumatic/ Hydraulic	Top Entry/ Side Entry
<div><div><ul style="list-style-type: none">Fire safe & anti-static designBlow-out proof stemDouble block and bleedCavity pressure self-reliefEmergency sealant injection</div><div><ul style="list-style-type: none">On-line maintenance can be achieved by top-entry seriesInterchangeable between single piston effect and double piston effect seatOptional locking deviceOptional fugitive emission design</div></div>					



DBB Valve (Manifold)					
Size(IN)	Pressure Range(CLASS)	End Connection	Temperature Range	Operation	Structral Style
1/2" - 3" 2" - 24"	150 - 2500 150 - 2500	RF/RTJ/HUB RF/RTJ/HUB	-46°C - 325°C -46°C - 325°C	Manual/Pneumatic/ Hydraulic	Floating/ Trunnion
<div><div><ul style="list-style-type: none">Weight savingSpace saving</div><div><ul style="list-style-type: none">Minimized external leakage pointsInstallation efficiency improve</div></div>					



Concentric Butterfly Valve					
Size(IN)	Pressure Range(CLASS)	End Connection	Temperature Range	Operation	Structral Style
2" - 72"	150	Lug/ RF/ Wafer	-35°C - 204°C	Manual/Pneumatic/ Hydraulic	Side Entry
<div><div><ul style="list-style-type: none">No connect pin between disc and stemThree-layer flange sealing design to avoid outside leakage</div><div><ul style="list-style-type: none">Anti-stem blow outBronze material optional</div></div>					



Double Offset Butterfly Valve					
Size(IN)	Pressure Range(CLASS)	End Connection	Temperature Range	Operation	Structral Style
2" - 48"	150 - 600	Lug/ RF/ Wafer	-50°C - 200°C	Manual/Pneumatic/ Hydraulic	Side Entry
<div><div><ul style="list-style-type: none">Bi-directional zero leakageLow torque & low friction</div><div><ul style="list-style-type: none">Easy to take out and replace the seatFire-safe seat optional</div><div><ul style="list-style-type: none">Bronze material optional</div></div>					



Triple Offset Butterfly Valve					
Size(IN)	Pressure Range(CLASS)	End Connection	Temperature Range	Operation	Structral Style
3" - 120"	150 - 2500	Lug/ RF/ RTJ/ Wafer	-196°C - 650°C	Manual/Pneumatic/ Hydraulic	Top Entry/ Side Entry
<div><div><ul style="list-style-type: none">No rubbing, longer lifeLaminated seal ring and solid metal seal ring optional and interchangeable</div><div><ul style="list-style-type: none">Fire safe designTorque seated to achieve higher grade seal performanceEasy Maintenance at site</div></div>					



Subsea Gate Valve					
Size(IN)	Pressure Range(CLASS)	End Connection	Temperature Range	Operation	Structral Style
1" - 9"	900 & above	BW/RTJ	-46°C - 150°C	Hydraulic & ROV	Through Conduit Slab Gate
<div><ul style="list-style-type: none">External seals to prevent seal water, even bolt holeReliable body and stem sealing, metal ring for body, lip-seal group or multiple sealing for stem sealMaterial and welding qualificationOver 20 years design life without maintenance</div>					



Subsea Ball Valve					
Size(IN)	Pressure Range(CLASS)	End Connection	Temperature Range	Operation	Structral Style
1/2" - 48"	150 - 2500	BW/RTJ	-46°C - 150°C	Hydraulic & ROV	Trunnion Mounted
<div><ul style="list-style-type: none">External seals to prevent seal water, even bolt holeReliable body and stem sealing, metal ring for body, lip-seal group or multiple sealing for stem sealMaterial and welding qualificationOver 20 years design life without maintenance</div>					



Technical Features

Qualifications

- NORSOK qualified raw material and painting facility & procedure control
- Classification society, DNV/ABS/ BV/LR/RS, certified valve & material

Surface Consideration

- All outer sharp edges be rounded to a minimum radius of 2.5mm
- Outside small parts min. 316ss
- Marine atmosphere painting

Testing& Inspection

- Material pitting corrosion testing
- Intergranular corrosion testing
- HIC/SSC testing, when required
- Painting salinity/thickness/ adhesive force detection
- NDE

Applicable Structures

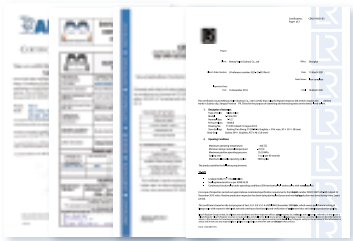
Valve type: Ball, Gate, Globe, Check, Butterfly
End Connection: Flange, HUB, BW, SW, NPT
Temperature: -196 - 650°C
Size& pressure: 1/2 - 60" Class150 - 4500

- Lifting Lug and supporting leg
- Fire safe
- Anti-static
- Anti-blow out stem
- Soft seated and metal seated
- Fugitive emission

Certificates of Neway Offshore Valve

(including but not limited to the following certificates)

- Classification society, DNV/ABS/ BV/LR/RS, certified valve & material
- NORSOK qualified raw material and painting facility & procedure control
- Special Equipment Manufacturing License in China
- Fugitive Emission certificate
- CE, ATEX Certification for the European Union
- Fire-Safe Certificate



Complete Solutions for Industrial Valves

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 230,000m² coverage , one API 6A valve plant, three casting foundries, one forging factory and new plant for Butterfly valve. Neway also has a joint venture factory in Saudi Arabia.



R&D

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.



Sales Network

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

Quality Guarantee

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.

