

VALVES FOR OFFSHORE APPLICATIONS





Project Types



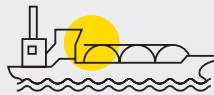
MARINE TERMINALS



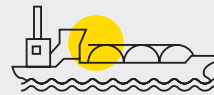
Floating
Production Storage
and Offloading
Units (FPSO)



Mobile Offshore
Drilling
Units (MODU) &
Drillships



Floating Storage
Regasification
Units (FSRU)



Floating
Liquefied
Natural Gas
Facilities
(FLNG)



OIL PLATFORMS



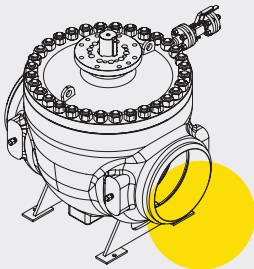
OFFSHORE WIND FARMS

Vastas offers valve and actuators for various applications in many different industries. With focus in Oil & Gas industry we offer products for both onshore and offshore applications.

Vastas has 75 years of site experience and over 50 years of design, manufacturing and service experience for valves and actuators. Vastas uses its expertise to customize its products for clients needs and preferred for critical applications including the offshore market.

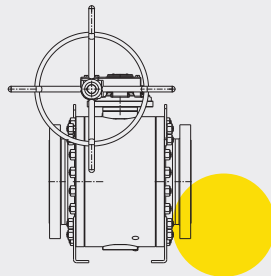
Vastas offers SDV and other valve types and actuators for topside requirements of vessels and platforms with API, ASME & ANSI standards, and we are currently working to comply with NORSOK and other International Standards.

Products Range



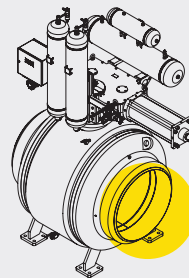
TOP ENTRY BALL VALVE

API 6D monogrammed
Safety Integrity Level (SIL),
ATEX, PED



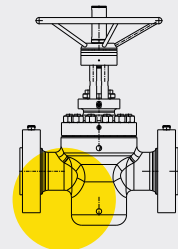
SPLIT BODY BALL VALVES

API 6D monogrammed
Safety Integrity Level (SIL),
ATEX, PED



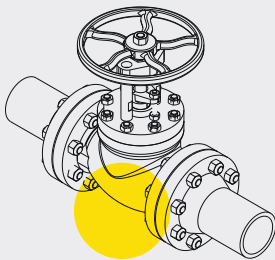
EMERGENCY SHUT DOWN VALVES

API 6D monogrammed
Safety Integrity Level (SIL),
ATEX, PED



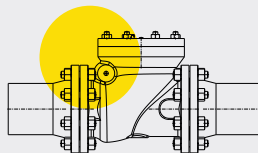
API 6A GATE VALVES

API 6A monogrammed
Safety Integrity Level (SIL),
ATEX, PED



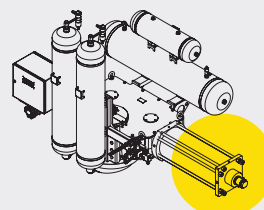
GLOBE VALVES

BS 1873 / API 623
Safety Integrity Level (SIL),
ATEX, PED



CHECK VALVES

API 6D monogrammed
ATEX, PED



PNEUMATIC ACTUATORS

ASME U-Stamp, Safety Integrity
Level (SIL), ATEX, PED

Offered in full size range, Class up to 2500#

Vastas offers Choke Valves for big lots only. Plug Valves are tailor made up to 2500 Class to complete the package.

Coating and Painting

Vastas offers certified coating systems for offshore and splash area acc. to ISO 12944 and NORSOK from global manufacturers as carboline, jotun, hempel, etc. with in-house NACE certified operators and inspectors.

Materials

Vastas produces both forged and cast valves. Materials will be supplied according to clients chosen standards. API, AS, ASME, ASTM, DIN, EN, ISO, JIS, NORSOK and any other international standards are all applicable.

Carbon Steel, LTCS, Stainless Steel, Duplex SS, Super Duplex SS, High Strength Alloy Steel, Carbon Steel, Titanium, Aluminum Bronze, Naval Bronze, Nickel Aluminum Bronze and other special material upon request.

Quality, Safety, Reliability & Guarantee

Vastas offers Safety Integrity Level (SIL) Certified valves and actuators to provide minimum risk at operations.

Vastas offers control systems for safe remote operation, both own actuators and other brands applicable.

Vastas is competent at test and material standards and requirements. When required extra material tests applied, limited chemical and mechanical properties, extra NDT and special tests are fulfilled.

- Type Approval Test
- Cycle Test
- Contaminant Resistance Test
- Fugitive Emission Test
- Vacuum Test
- Microstructure Test
- Partial Stroke Test

Vastas valves would serve along with the “Economical life of the facility” if the maintenance instructions and procedures are followed. Hence, the standard 2 years warranty can be expanded to 4 years, by adding a periodic service agreement.

Maintenance

Vastas offers easy maintenance and maintenance free valves with

- Top Entry Ball Valves
- Anti Blow Out Stem
- DBB, DIB-1, DIB-2 design



VASTAS
SERVICE TEAM

Vastas professional and qualified service team is ready 24/7. Emergency response is provided within 24 hours, for exceptional circumstances and geographical obstacles remote solutions can be offered.

REFERENCE



Conversion of 2 FPSO Units for The Kaombo Field Development Project

Angola / TOTAL SAIPEM



Umid Gas Field

Azerbaijan / SOCAR



BW Offshore Catcher FPSO Development Project

United Kingdom / BW Offshore



Etki LNG FSRU Terminal Regulating & Metering Station Project

Turkey / Etki - Gem



Dortyol FSRU

Turkey / BOTAS



Ceyhan Marine Terminal Onshore & Offshore Construction Works

Turkey / BOTAS International



Opet Marine Loading Terminal

Turkey / OPET



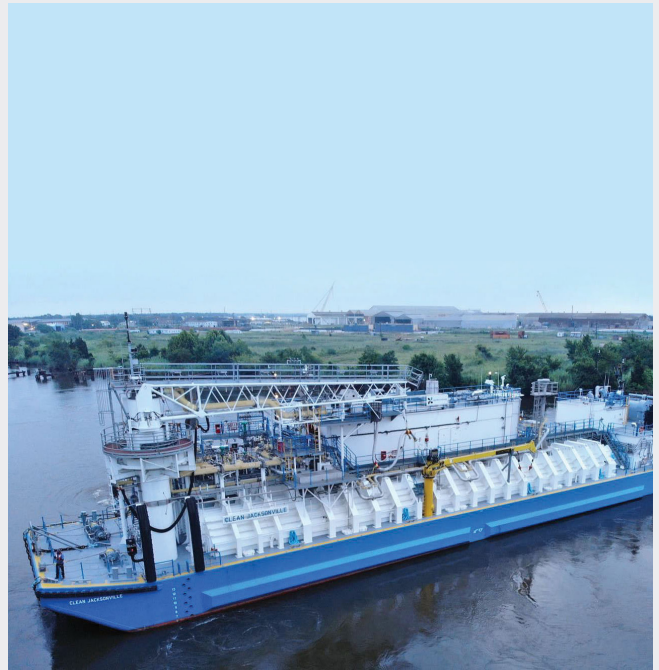
Fatih Drillship

Turkey / Turkish Petroleum
Global Offshore Engineering



Shell Gumusut - Kakap Deep Water Platform

Malaysia / SHELL / Deliwali Engineering, MMHE,
TECHNIP



Conrad LNG Bunker

USA / Conrad Petroleum & GTTNA Joint Venture



470MW Karadeniz Powership Osman Khan

Ghana / Karpowership Ghana Company



LAM-A,B,C & 28 Platforms New Field Instrumentation

Turkmenistan / Dragon Oil



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