



VTZ VALVES AND AUTOMATION

(An ISO 9001:2015 Certified Company)



About VTZ Valves & Automation

VTZ Valves & Automation, established in 2021, is the result of a shared vision by seasoned engineering professionals with over 25 years of core experience in the valve industry. From our headquarters in Visakhapatnam and a fully equipped manufacturing facility in Hubballi, Karnataka, we design, engineer, and deliver a wide array of industrial valves crafted for consistency, durability, and unmatched reliability. We are proud to be an ISO 9001:2015 certified and MSME-registered company, firmly rooted in quality, commitment, and innovation.

We specialize in a complete range of industrial valves tailored to diverse industrial requirements. Our product line includes Ball Valves (Two-Piece, Three-Piece, V-Notch, and Flush Bottom types), Butterfly Valves (Wafer, Lug, Double Flanged & Double Offset), Gate Valves (Cast, Forged, Knife Edge, and High-Pressure), Globe Valves (Cast and Forged), Check Valves (Swing Type, Dual Plate, Wafer Type, Disc Type, and Horizontal Lift), Plug Valves (Standard and PFA/FEP Lined), Glandless Piston Globe Valves, Strainers, and Fully Integrated Valve Automation Systems. These valves are available in a wide range of materials such as WCB, CF8, CF8M, CF3, CF3M, A105, F304, F316, and more, offering compatibility with various media and environments.

Our valves are engineered to adhere to global industry standards including API, ASME, ANSI, ISO, BS, EN, and DIN, and every product undergoes rigorous multi-stage inspections—starting from raw material testing to machining accuracy checks, pressure testing, and final performance validation. This ensures absolute quality control and conformance with the most demanding operating conditions, providing our customers with peace of mind and long-term reliability.

What sets us apart is not only our product excellence but our service promise. At VTZ Valves, on-time delivery is a core strength. With meticulous production planning, robust stock management, and efficient logistics coordination, we ensure that every commitment is fulfilled as promised. Our streamlined operations enable us to meet tight project timelines without compromising on quality.

VTZ Valves & Automation serves a broad spectrum of industries including Oil & Gas, Power & Energy, Chemical & Petrochemical, Pulp & Paper, Pharmaceuticals, Marine, Sugar, Steel, Cement, Water & Wastewater Treatment, Food & Beverage Industries, and General Process Industries. Our clientele ranges from project consultants and EPC firms to OEMs and plant operators, all of whom trust VTZ Valves for dependable and performance-driven flow control solutions.

Driven by a commitment to engineering excellence and customer satisfaction, VTZ Valves & Automation continues to strengthen its position as a preferred valve solution provider—delivering products that are built to perform, tested to last, and designed to serve.



Certificate of Registration

This Certificate certify that the Management System of

VTZ VALVES AND AUTOMATION

Registered Office: #24-3-10/6, Phase II, Dr. Deen Shaadikhana Complex,
Old Post Office Junction, One Town, Visakhapatnam-530001, India.

has been audited by ICV and found to be
in compliance with the requirements of the standard

ISO 9001: 2015

(Quality Management Systems)

**This certificate is valid for
the following scope:**

Design, Manufacture and Supply of Industrial Valves like Ball Valves, Butterfly Valves, Gate Valves, Globe Valves, Check Valves, Plug Valves, Piston Valves, Knife Edge Gate Valves.

Certificate No	: IN/37012486/2020
Initial Registration Date	: 19/03/2024
Certificate Issue Date	: 19/03/2024
Certification Expiry/Re Certification Date	: 18/03/2027



Abhishek Singh

CEO

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• Validity of this Certificate is subject to completion of surveillance audit on or before of due date. In case Surveillance audit not allowed to be conducted this Certificate shall be suspended / withdrawal.
• This Certificate is intellectual Property of ICV and Certificate should be returned to ICV in case of non compliance of certification procedure. Authenticity of this certificate can be verified at www.icvassessments.com



- Product Details: Ball Valve
- Application: Full Bore / Reduced Bore, Two Piece Design
- Salient Features: Low Torque, Blow out Proof Stem, Anti Static, Fire Safe Design , Leak Tight Stem & with ISO 5211 Mounting Pad.
- Design Std: ISO 17292 / API 6D / BS 5351
- Testing Std: BS EN-12266-1 / API 598 / ASME B16.34
- Face To Face Std: ASME B16.10
- Fire Safe Test: API 607 / 6FA
- Leakage Class: ISO 5208 RATE-A
- Pressure Rating: 150# / 300#
- End Connection: Flanged Ends
- Size: 15mm to 200mm
- Material: Body: WCB / CF8 / CF8M / CF3 / CF3M
- Seat: PTFE , Glass Filled PTFE, Carbon Filled PTFE, Nylon, PEEK, Devlon etc.
- Valve Operation: Manual Lever / Worm Gear / Pneumatic / Electric
- V-Knotch type Ball Valve available on request.



- Product Details: Ball Valve
- Application: Full Bore / Reduced Bore, Three Piece Design
- Salient Features: Low Torque, ISO 5211 Mounting Pad (Optional).
- Pressure Rating: 800#
- Design Std: ISO 17292 / BS 5351
- Testing Std: BS EN-12266-1 / API 598
- Face To Face Std: Manufacturer's Standard
- End Connection & Standard: Socket Weld Ends (ASME B16.11), Screwed Ends (ASME B1.20.1), Butt Weld Ends (ASME B16.25)
- Size: 15mm to 50mm
- Material: Body: A-105 / F-304 / F-316 / CF8 / CF8M etc.
- Seat: PTFE , Glass Filled PTFE, Carbon Filled PTFE, Nylon, PEEK, Devlon etc.
- Valve Operation: Manual Lever / Pneumatic / Electric.

- Product Details: Butterfly Valve
- Application: Wafer Type, Lugs Type, Double Eccentric Type, Double Flanged Type.



- **Salient Features:** Bi-Directional Tight Shutoff, Low Torque, Ease of Installation, Double D- Shaft, Single Throughout shaft.
- **Pressure Rating:** PN-10 / PN-16 / 150#
- **Design Std:** ASME B16.5 / ISO 7005 / IS 13095 / API 609
- / EN 593
- **Testing Std:** API 598 / IS 13095 / EN-1266-1/2
- **Face To Face Std:** API 609 / IS 13095 / EN 558
- **Wall Thickness Std:** AWWA C504 / ASME B16.34
- **Actuator Mounting Flange Std:** ISO 5211
- **Size:** 40mm to 1000mm (1-1/2" To 40")
- **Material:** Body: C.I, WCB, CF8, CF8M, CF3, CF3M etc.
- Disc: SGI, WCB, CF8, CF8M, CF3, CF3M etc.
- Seat: EPDM, NBR, VITON, SILICON, PTFE, RPTFE, INCONEL.



- **Product Details:** Wafer Check Valve
- **Application:** Single Plate, Swing Type Design, Wafer Style Body.
- **Salient Features:** Easy Maintenance, Lifting Bolt Provided for Easy Installation.
- **Pressure Rating:** PN-10 / PN-16
- **Design Std:** API 6D
- **Testing Std:** API 598
- **Face To Face Std:** API 6D / ASME B16.10
- **Flange Std:** ANSI B16.5 / ASME B16.5 / BS 10Table D & E / DIN PN10-PN16 / IS1538 Table 4&6
- **Size:** 25mm to 600mm (1" To 24")
- **Material:** Body: C.I, WCB, CF8, CF8M, CF3, CF3M etc.
- Disc: SGI, WCB, CF8, CF8M, CF3, CF3M etc.
- Seat: EPDM, NBR, VITON, SILICON, PTFE.
- **Valve Operation:** Self Acting.



- **Product Details:** Dual Plate Check Valve
- **Application:** Soft Seat / Metal Seat, Flexible Installation (Horizontal / Vertical).
- **Salient Features:** Double Spring Action, Shock Bumpers.
- **Pressure Rating:** PN-10 / PN-16 / 150# / 300#
- **Design Std:** API 594
- **Testing Std:** API 598
- **Face To Face Std:** API 6D / ASME B16.10

- Flange Std: ANSI B16.5 / ASME B16.5 / BS 10Table D & E / DIN PN10-PN16 / IS1538 Table 4&6
- Size: 40mm to 300mm (1-1/2" to 12")
- Material: Body: C.I, WCB, CF8, CF8M, CF3, CF3M etc.
- Disc: SGI, WCB, CF8, CF8M, CF3, CF3M etc.
- Seat: EPDM, NBR, METAL TO METAL, PTFE.



- Product Details: Disc Check Valve
- Application: Wafer Type, Metal Seated.
- Salient Features: Spring Loaded, Easy to install.
- Pressure Rating: PN-40
- Design Std: BS 7438
- Testing Std: API 598
- Flange Std: ANSI B16.5 / ASME B16.5 / BS 10Table D & E / DIN PN10-PN16 / IS1538 Table 4&6
- Size: 15mm to 200mm (1/2" to 8")
- Material: Body: CF8, CF8M, CF3, CF3M etc.
- Disc: CF8, CF8M, CF3, CF3M etc.
- Seat: METAL TO METAL INTEGRTAED.
- Valve Operation: Self Acting.



- Product Details: Knife Edge Gate Valve
- Application: Pulp & Paper, Sugar, Chemical & Process, Mining and Steel, Cement industries etc.
- Salient Features: Uni-Directional / Bi-Directional, Semi Lugged / Full Lugged
- Pressure Rating: PN-10
- Design Std: MSS SP 81
- Testing Std: MSS SP 81
- Face To Face Std; Wafer Type Lugged
- Flange Std: ANSI B16.5 / BS 10Table D & E / DIN PN10
- Size: 50mm to 600mm (2" to 24")
- Material: Body: C.I, WCB, CF8, CF8M, CF3, CF3M etc.
- Gate: CF8, CF8M, CF3, CF3M etc.
- Seat: Soft Seat, Metal Seat.
- Valve Operation: Hand Wheel / Gear / Pneumatic.

- Product Details: Cast Gate Valve
- Salient Features: Bolted Bonnet Construction, OS & Y Design.
- Pressure Rating: 150#, 300#
- Design Std: API 600



- Testing Std: API 598 / BS 6755 Part I / EN 12266 Part I
- Face To Face Std; ASME B16.10 / BS 2080
- End Connection Std: Flanged Ends As Per ANSI B16.5, ASME B16.25 for BWE and ASME B16.11 for SWE
- Size: 50MM to 300MM (2" to 12")
- Material: Body: WCB, CF8, CF8M, CF3, CF3M.
- Trim: Trim 1, Trim 5, Trim 8.
- Valve Operation: Hand Wheel / Gear Operated.



- Product Details: Cast Globe Valve
- Salient Features: Bolted Bonnet Construction, OS & Y Design.
- Pressure Rating: 150#, 300#
- Design Std: BS 1873
- Testing Std: API 598 / BS 6755 Part I / EN 12266 Part I
- Face To Face Std; ASME B16.10 / BS 2080
- End Connection Std: Flanged Ends As Per ANSI B16.5, ASME B16.25 for BWE and ASME B16.11 for SWE.
- Size: 50MM to 300MM (2" to 12")
- Material: Body: WCB, CF8, CF8M, CF3, CF3M etc.
- Trim: Trim 1, Trim 5, Trim 8
- Valve Operation: Hand Wheel / Gear Operated.



- Product Details: Cast Swing Check Valve
- Salient Features: Bolted Bonnet Construction, OS & Y Design
- Pressure Rating: 150#, 300#
- Design Std: BS 1868
- Testing Std: API 598 / BS 6755 Part I / EN 12266 Part I
- Face To Face Std; ASME B16.10 / BS 2080
- End Connection Std: Flanged Ends As Per ANSI B16.5, ASME B16.25 for BWE and ASME B16.11 for SWE
- Size: 50MM to 300MM (2" to 12")
- Material: Body: WCB, CF8, CF8M, CF3, CF3M
- Trim: Trim 1, Trim 5, Trim 8
- Valve Operation: Self Acting.

- Product Detail: Plug Valve
- Design Std: API 599



- Testing Std: API 598
- Face To Face Std: ASME B16.10
- Pressure Rating: 150# / 300#
- End Connection: Flanged Ends
- Size: 15mm to 300mm
- Material: Body: WCB / CF8 / CF8M / CF3 / CF3M etc.
- Plug: WCB / CF8 / CF8M / CF3 / CF3M etc.
- Sleeve: PTFE , Glass Filled PTFE, Carbon Filled PTFE, RBC 006, TFM.
- Valve Operation: Wrench Lever / Gear / Actuator.
- ***PFA / FEP Lined Plug Valves available on request.**



- Product Details: Forged Steel Gate / Globe / Horizontal Lift Check Valve
- Salient Features: OS & Y Design
- Pressure Rating: 800#, 1500#, 2500#
- Design Std: API 602 / ISO 15761 / ASME B16.34
- Testing Std: API 598
- Face To Face Std: ASME B16.10 / BS 2080
- End Connection: Screwed End / Socket Weld End / Butt Weld End
- Size: 15MM to 50MM (1/2" to 2")
- Material: A-105 / F11 / F22 / F-304 / F-316 / LF2
- Valve Operation: Hand Wheel



- Product Details: Glandless Piston Valve
- Salient Features: Glandless, Maintenance free
- Pressure Rating: 150#, 300#, 800#
- Design Std: 16.34 / EN12516.2
- Testing Std: API 598
- Face To Face Std: Manufacturer's Standard
- End Connection Std: Flanged Ends As Per ASME B16.5, ASME B16.25 for BWE, ASME B1.20.1 For Screwed End and ASME B16.11 for SWE
- Size: 15MM to 40MM (800#)
- 15MM to 200MM (#150, #300)
- Material: A-105, F-304, F-316, LF2, WCB, CF8, CF8M, CF3, CF3M, LCB etc
- Valve Operation: Hand Wheel / Pneumatic



- Product Details: Flush Bottom Ball Valve
- Design Std: ISO 17292 / API 6D / BS 5351
 - Testing Std: BS EN-12266-1 / API 598 / ASME B16.34
 - Face To Face Std: ASME B16.10
 - Pressure Rating: 150#
 - End Connection: Flanged Ends
 - Size: 15MM to 150MM (1/2" to 6")
 - Material: Body: WCB / CF8 / CF8M / CF3 / CF3M
 - Seat: PTFE, GFT
 - Valve Operation: Manual Lever / Gear

Why choose VTZ Valves.?

At VTZ Valves & Automation, we believe great engineering is more than precision — it's about trust, consistency, and impact. Every valve we manufacture carries the responsibility of your operations, your timelines, and your standards. That's why we don't believe in shortcuts, compromises, or one-size-fits-all answers. Every specification is studied. Every material is selected with purpose. Every product is built to last — because we understand what's at stake when performance matters most.

Our journey is driven by purpose: to deliver reliable valve solutions that make our clients feel secure in their process, confident in their performance, and supported by a team that stands behind every product we build.

We don't see ourselves as vendors. We are solution partners.

We don't chase orders. We build relationships.

We don't just meet standards. We raise them.

So when you choose VTZ Valves, you're not just choosing a product — you're choosing precision, partnership, and peace of mind.



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