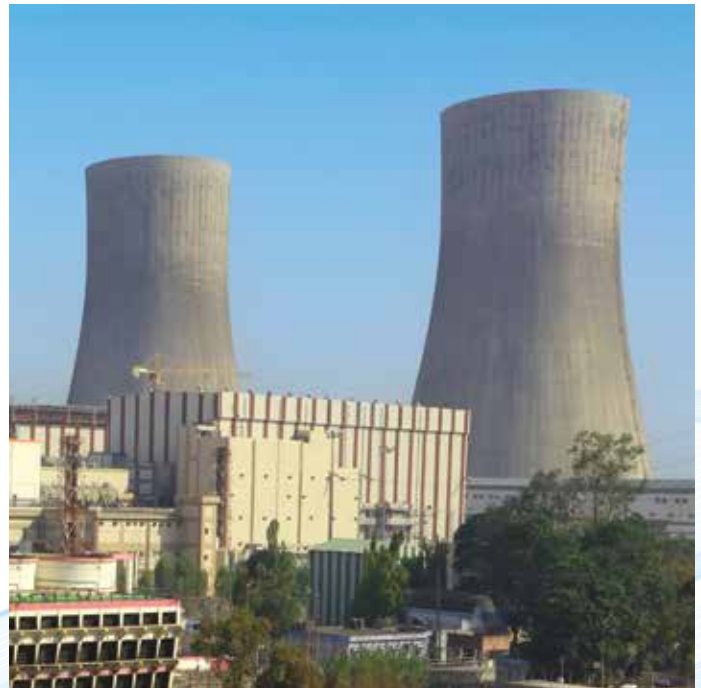


Mission-critical Valves for Nuclear Industry



L&T Valves Expertise

- New Product Development
- Functional Qualification
- Precision Manufacture

L&T Valves, a wholly owned subsidiary of Larsen & Toubro, is a leader in flow-control solutions for the global energy industry. Leveraging expertise that spans 6 decades, the company offers an array of mission-critical solutions for the nuclear industry.

Product Portfolio

- Valves for Primary Piping
- Main Steam Isolation Valves (MSIV)
- Valves for Emergency Core Cooling System (ECCS)
- Containment Isolation Dampers (CID)
- Bellow-sealed Valves
- Valves for Balance-of-Plant (Utilities)



Design

The product designs are created by experts with a deep understanding of industry requirements. Finite Element Analysis and Computational Fluid Dynamics are used to optimise the designs and the rigorous prototype development and functional qualification programmes ensure that the designs excel in the harsh operating conditions.

In-house Capabilities

- Seismic test
- Natural frequency test
- Shock test
- Vibration test
- Flow test
- Helium leak test
- Endurance test
- Operability test
- Strip test



EDF Qualifies L&T Valves for Nuclear Export Project

Manufacture

Reliability is built into each product by a highly skilled team working on state-of-the-art machines:

- CNC Machining Centres
- CNC Horizontal Boring Machines
- Special Purpose Machines
- 5-axis Pulse AutoTIG Welding Machines

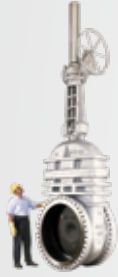
The valves for critical applications are assembled, tested and packed in an ISO Class 7 Clean Room.

We also provide support during the installation and commissioning of valves.

Contact us today. Experience the difference.



Gate, Globe & Check Valves



Bolted-bonnet Valves

API 600, API 603, API 623, API 594

#150 to 2500,
Up to 72" (1800 mm)



Pressure-seal Bonnet Valves

ASME B16.34

#600 to 4500,
Up to 42" (1050 mm)



Small-bore Valves

API 602, ASME B16.34

#150 to 4500,
Up to 2" (50 mm)

Ball Valves



Trunnion-mounted Valves - Side-entry

API 6D

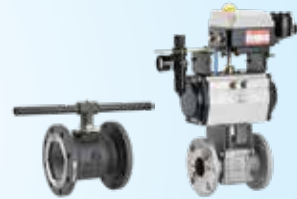
#150 to 2500, Up to 56" (1400 mm)



Trunnion-mounted Valves - Top-entry

API 6D

#150 to 1500, Up to 30" (750 mm)



Floating Ball Valves

ISO 17292, API 608, API 6D

#150 to 2500, Up to 8" (200 mm)

Butterfly Valves



Triple-offset Butterfly Valves

API 609 CatB

#150 to 1500,
Up to 100" (2500 mm)



Fabricated Steel Valves

AWWA C 504, C 516, EN 593

PN6, PN10 & PN16
Up to 132" (3300 mm)



Elastomer-lined Valves

API 609 CatA, EN 593

PN10/16/25, #150
Up to 36" (900 mm)

Valve Automation Solutions



High Integrity Pressure Protection Systems (HIPPS)
Emergency Shutdown Valves (ESDV)
Remote Operated Shutoff Valves (ROSOV)

Digital Solutions

IoT-ready valves with diagnostic and communication capabilities

Augmented Reality remote collaboration and inspection solution

Digital traceability solution powered by RFID technology



L&T Valves Limited

A wholly owned subsidiary of Larsen & Toubro

L&T Campus, Manapakkam, Chennai - 600 089, INDIA

MS Rajaraman | RajaramanMS@Lntvalves.com | +91 96199 72089 | www.Lntvalves.com

Publication Number: LTVF/WNE/1123 © L&T Valves Limited. As we continuously endeavour to improve our products, the data given herein is subject to change. Please refer www.Lntvalves.com for the latest publication.

