



Cryogenic Valves

Gate, Globe & Check Valves

Ball Valves

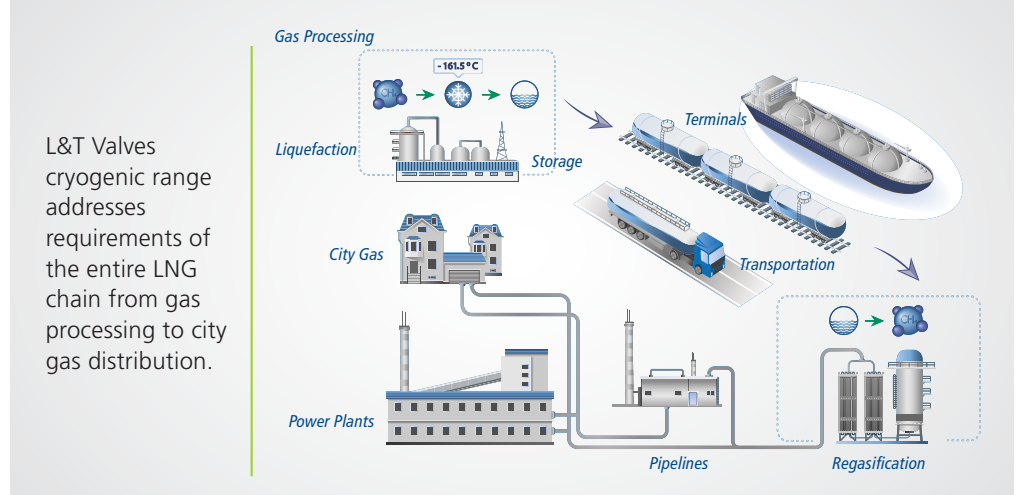
Triple-offset Butterfly Valves

L&T Valves is a global leader in cryogenic valves for the energy industry.

Our portfolio enhances safety, reliability and performance in LNG projects and bears testimony to our expertise in design, manufacture and customer service.



L&T Valves manufacturing facilities are located in the USA, Saudi Arabia and India.



STANDARDS COMPLIANCE

Design: BS 6364, ISO 28921, MSS SP 134

Fugitive Emission: ISO 15848, API 624, API 641

Fire Safety: API 607, API 6FA, ISO 10497

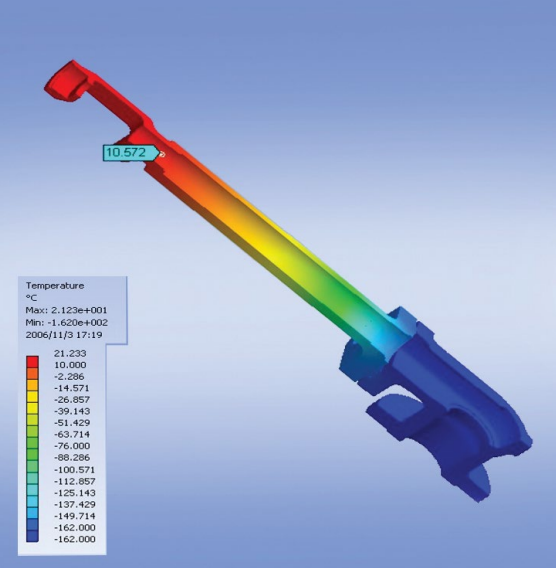
Functional Safety: SIL3, IEC 61508

OPTIONAL TESTS

EN 12567

Annexure A (Thermal Shock Test)

Annexure B (Endurance Test)



L&T Valves cryogenic range is designed for high performance even when exposed to transient thermal stresses, thermal expansion of line fluids and the icing of sealing components - without compromising fire safety and fugitive emission requirements.



The cryogenic range is manufactured using state-of-the-art CNC machining centres and automated welding machines.



The in-house cryogenic test facility at L&T Valves is one of the largest in the world, built to test valves of sizes up to 60".



L&T Valves offers reliable service support for installation and commissioning, valve repairs and upgrades.

SALIENT FEATURES & BENEFITS:

Ideal extension column height ensures unmatched sealing and optimum valve performance.

Symmetrical design and thermally stabilized body and obturator ensure endurance and dimensional stability during temperature cycles.

Controlled chemistry minimises distortion at cryogenic temperatures.

To enhance safety and performance, the valves are assembled and tested in clean environments.

The acceptance criteria followed are significantly stringent compared to the leakage rates allowed as per standards.

CRYOGENIC PRODUCT RANGE

- Cast Steel Gate, Globe & Check Valves – Sizes up to 60" ASME Classes up to 2500
- Forged Steel Gate, Globe & Check Valves – Sizes up to 2" ASME Classes up to 800
- Trunnion-mounted Ball Valves – Sizes up to 24" Classes up to 2500
- Floating Ball Valves – Sizes up to 4" ASME Classes up to 800
- Triple-offset Butterfly Valves – Sizes up to 60" ASME Classes up to 600



GLOBAL CUSTOMER BASE

The valves are in service at some of the largest LNG complexes around the world - and the huge installed base bears testimony to the performance and versatility of the range.



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