

February 12, 2025

Certificate of Conformance

L-TORQ Tufline Valve ISO 15848-1:2017

Fugitive Emissions Statement

Crane ChemPharma Flow Solutions hereby certifies that the L-TORQ Tufline brand valves comply with the International Organization for Standardization (ISO) 15848-1 procedures for testing and measurement. Testing conducted by Yarmouth Research and Technology from 2022 to 2025.

Stem Seal

- Stem Seal: PTFE/ Graphite
- Tightness class: BH ($\leq 10^{-4}$ mg/(s x m))
- Endurance class:CO3
- Temperature Class: RT to 200°C
- Test Pressure:
 - o Class 150: 285 PSI (RT) to 195 PSI (200°C)
 - Class 300: 740 PSI (RT) to 218 PSI (200°C)
- Adjustments: SSA 0

Sealing of the Valve Body Bonnet joint:

- Body Seal: SS / Graphite
- Emission: $\leq 50 \text{ ppmv } (\leq 6.68 \text{ x} 10^{-6} \text{ mg/s})$

Product Description:

Sleeved plug valve 2-way valve.

Size: DN 15 to DN 150 PN 16 / PN 40 - NPS ½ to NPS 6 Class 150 / Class 300

Type designations including but not limited to: L067, L0367, L127

Note:

All valve types listed above include valves categorized both by PN/Class and by JIS.

Richard E. Walker Jr.

Peeyush Firodiya

Brad Schroeder

Richard E. Walker Jr. NPD Lab Technician

NPD Team Lead

Quality Assurance Manager

Peeyush Firodiya