

# TEST WITNESS REPORT

Report. No: E-KX-O/25/10526148/12254-A

## GLOBAL VALVES AND FITTINGS (INDIA) PRIVATE LIMITED

Office: GLOBAL VALVES AND FITTINGS (INDIA) PRIVATE LIMITED B/9 (A/34), K.J.B. Compound, Opp. Nahar Amrit Shakti, Khairani Road, Sakinaka, Mumbai - 400072, INDIA	Works: GLOBAL VALVES AND FITTINGS (INDIA) PRIVATE LIMITED B/9 (A/34), K.J.B. Compound, Opp. Nahar Amrit Shakti, Khairani Road, Sakinaka, Mumbai - 400072, INDIA
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All inspection activities were performed, and test were witnessed. Records were maintained through Performance Test Reports: GVFPIPL-PTR-01.

DNV Surveyors visited the facility and performed inspection witness, upon request of the above manufacturer, Instrumentation Valves & Manifolds, between April 2025 to 26<sup>th</sup> July 2025, for witnessing the "Performance Test, PMI, Hydro Test & Burst Test", mentioned below, conducted on undermentioned sizes of Various Types of Valves mentioned in the Annexure -1 at the end of this report.

TEST PARAMETERS USED FOR ABOVE VALVES ARE AS GIVEN BELOW		
Sr. No.	Test Parameters	
1	Test Temperatures During Testing: 15° C to 35° C	
2	Test Pressure Retained within $\pm$ 5% PSIG	
3	Test Medium; Demineralised Water	
4	Mechanical Test carried out at NABL Approved Lab	Quantity Selected: 03 Nos for each size as per Clause 5.5 & 5.6 of MSS SP 99 [2023]

FOLLOWING TESTS WERE CONDUCTED AS PER MSS SP 99 [2023]		
Sr No	Activities Carried Out	References [MSS-SP-99-2023]
1	Selection of Test Samples: Witnessed	Final Inspection Report – F/QA/04
2	Positive Material Identification	PMI Test witness as per 92/PMI/2025-2026
3	Material Properties: MTC's Reviewed	MTC's as per Clause 3 to 4
4	Hydrostatic Proof Test: Witnessed	Final Inspection Report – F/QA/04: Reference Clause No. 5.5
5	Burst Test: Witnessed	Final Inspection Report – F/QA/04: Reference Clause No. 5.6 & 5.7

### **CONCLUSIONS:**

1. Results of all the Tests Performed were found to be Satisfactory, in line with MSS SP 99 [2023].
2. The details of applicable test pressures with reference to various tests mentioned above have been reviewed and endorsed by DNV [Oil & Gas].
3. The above-mentioned Valves meet the requirements of MSS SP 99 [2023], with reference to Mandatory Tests mentioned in the Specifications and conducted herein.

**Annexure - 1 - Model Numbers and Sizes of Valves Selected for Testing  
(Samples Selected - 03 Nos for each size as per Clause 5.5 & 5.6 of MSS SP 99 [2023])**

<b>SR No.</b>	<b>Item Description</b>	<b>Model No.</b>
1	Needle Valve NPT (FXF) D/B 6,000/PSIG	GV-51-NV-4N-FF-6K
2		GV-51-NV-6N-FF-6K
3		GV-51-NV-8N-FF-6K
4		GV-51-NV-12N-FF-6K
5		GV-51-NV-16N-FF-6K
6		GV-51-NV-24N-FF-6K
7		GV-51-NV-32N-FF-6K
8	Needle Valve NPT (MXF) D/B 6,000/PSIG	GV-52-NV-4N-MF-6K
9		GV-52-NV-6N-MF-6K
10		GV-52-NV-8N-MF-6K
11		GV-52-NV-12N-MF-6K
12		GV-52-NV-16N-MF-6K
13	Panel Mount Needle Valve NPT (FXF) 6,000/PSIG	GV-53-PNV-4N-FF-6K
14		GV-53-PNV-6N-FF-6K
15		GV-53-PNV-8N-FF-6K
16	Panel Mount Needle Valve OD X OD 6,000/PSIG	GV-54-PNV-4T-6K
17		GV-54-PNV-6T-6K
18		GV-54-PNV-8T-6K
19		GV-54-PNV-12T-6K
20		GV-54-PNV-16T-6K
21	Needle Valve NPT (MXM) D/B 6,000/PSIG	GV-55-NV-4N-MM-6K
22		GV-55-NV-6N-MM-6K
23		GV-55-NV-8N-MM-6K
24		GV-55-NV-12N-MM-6K
25		GV-55-NV-16N-MM-6K
26	Angle Needle Valve NPT (MXF) D/B 6,000/PSIG	GV-56-ANV-4N-MF-6K
27		GV-56-ANV-6N-MF6K
28		GV-56-ANV-8N-MF6K
29	Union Bonnet Needle Valve (MXM) 6,000/PSIG	GV-61-UB-NV-4N-MM-6K
30		GV-61-UB-NV-6N-MM-6K
31		GV-61-UB-NV-8N-MM-6K

DNV Project No: 10526148 Place of Issue: Pune Location of Test: Mumbai Works Date of Issue: 2025-08-18 Validity: 2028-08-18		Witnessed by Gaus Ibrahim Sindgi Senior Surveyor & Service Lead [PED] DNV GL [Oil & Gas]
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