

TEST WITNESS REPORT

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

GLOBAL VALVES AND FITTINGS (INDIA) PRIVATE LIMITED

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All inspection activities were performed, and test were witnessed. Records were maintained through Performance Test Reports: GVFIPL-PTR-04.

DNV Surveyors visited the facility and performed inspection witness, upon request of the above manufacturer, Instrumentation Valves & Manifolds, between April 2025 to 26th 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	Quantity Selected: 03 Nos for each size as per Clause 5.5 & 5.6 of MSS SP 99 [2023]
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	

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:

- Results of all the Tests Performed were found to be Satisfactory, in line with MSS SP 99 [2023].
- The details of applicable test pressures with reference to various tests mentioned above have been reviewed and endorsed by DNV [Oil & Gas].
- 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])		
SR No.	Item Description	Model No.
1	Round Body Ball Valve NPT (FXF) 3,000/PSIG	GV-151-BV-4N-FF-3K
2		GV-151-BV-6N-FF-3K
3		GV-151-BV-8-FF-3K
4		GV-151-BV-12N-FF-3K
5		GV-151-BV-16N-FF-3K
6		GV-151-BV-20N-FF-3K
7		GV-151-BV-24N-FF-3K
8		GV-151-BV-32N-FF-3K
9	Panel Mount Ball Valve NPT (FXF) 3,000/PSIG	GV-154-PBV-4N-FF-3K
10		GV-154-PBV-6N-FF-3K
11		GV-154-PBV-8N-FF-3K
12		GV-154-PBV-12N-FF-3K
13		GV-154-PBV-16N-FF-3K
14	2 Way Ball Valve OD x OD 3,000/PSIG	GV-155-BV-2W-4T-3K
15		GV-155-BV-2W-6T-3K
16		GV-155-BV-2W-8T-3K
17		GV-155-BV-2W-12T-3K
18		GV-155-BV-2W-16T-3K
19	3 Way Ball Valve OD x OD x OD 3,000/PSIG	GV-156-BV-3W-4T-3K
20		GV-156-BV-3W-6T-3K
21		GV-156-BV-3W-8T-3K
22		GV-156-BV-3W-12T-3K
23		GV-156-BV-3W-16T-3K
24	3 Way Ball Valve NPT (FXFXF) 3,000/PSIG	GV-156-BV-3W-4N-FFF-3K
25		GV-156-BV-3W-6N-FFF-3K
26		GV-156-BV-3W-8N-FFF-3K
27		GV-156-BV-3W-12N-FFF-3K
28		GV-156-BV-3W-16N-FFF-3K
29	5 Way Ball Valve OD x OD x OD x OD x OD 3,000/PSIG	GV-157-BV-5W-4T-3K
30		GV-157-BV-5W-6T-3K
31		GV-157-BV-5W-8T-3K
32		GV-157-BV-5W-12T-3K
33		GV-157-BV-5W-16T-3K
34	5 Way Ball Valve NPT (FXFXFXFXF) 3,000/PSIG	GV-157-BV-5W-4N-FFFFF-3K
35		GV-157-BV-5W-6N-FFFFF-3K
36		GV-157-BV-5W-8N-FFFFF-3K
37		GV-157-BV-5W-12N-FFFFF-3K
38		GV-157-BV-5W-16N-FFFFF-3K

Notice: The certificate is subject to terms and conditions overleaf. Any significant changes in design or construction may render this certificate invalid.

The digitally signed and electronically distributed document is the original and valid certificate.

39	Square Body Ball Valve NPT (FXF) 6,000/PSIG	GV-158-S-BV-4N-FF-6K
40		GV-158-S-BV-6N-FF-6K
41		GV-158-S-BV-8N-FF-6K
42		GV-158-S-BV-12N-FF-6K
43		GV-158-S-BV-16N-FF-6K
44		GV-158-S-BV-24N-FF-6K
45		GV-158-S-BV-32N-FF-6K
46	Square Body Ball Valve OD x OD 6,000/PSIG	GV-165-S-BV-4T-6K
47		GV-165-S-BV-6T-6K
48		GV-165-S-BV-8T-6K
49		GV-165-S-BV-12T-6K
50		GV-165-S-BV-16T-6K
51	2 Way Ball Valve Panel Mount OD x OD 6,000/PSIG	GV-167-S-BV-2W-4T-6K
52		GV-167-S-BV-2W-6T-6K
53		GV-167-S-BV-2W-8T-8K
54	Panel Mount Ball Valve NPT (FXF) 6,000/PSIG	GV-169-S-BV-2W-4N-FF-6K
55		GV-169-S-BV-2W-6N-FF-6K
56		GV-169-S-BV-2W-8N-FF-6K
57	3 Way Ball Valve Panel Mount OD x OD x OD 6,000/PSIG	GV-170-S-BV-3W-4T-6K
58		GV-170-S-BV-3W-6T-6K
59		GV-170-S-BV-3W-8T-6K
60	3 Way Ball Valve Panel Mount NPT (FXFXF) 6,000/PSIG	GV-171-S-BV-3W-4N-FFF-6K
61		GV-171-S-BV-3W-6N-FFF-6K
62		GV-171-S-BV-3W-8N-FFF-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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