

# TEST WITNESS REPORT

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

## **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: GVFIPL-PTR-03.

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	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	Check Valve NPT (FXF) 6,000/PSIG	GV-141-CV-4N-FF-6K
2		GV-141-CV-6N-FF-6K
3		GV-141-CV-8N-FF-6K
4		GV-141-CV-12N-FF-6K
5		GV-141-CV-16N-FF-6K
6	Check Valve OD X OD 6,000/PSIG	GV-143-CV-4T-6K
7		GV-143-CV-6T-6K
8		GV-143-CV-8T-6K
9		GV-143-CV-12T-6K
10		GV-143-CV-16T-6K
11	Pressure Relief Valve NPT (MXF) 6,000/PSIG	GV-461-PRV-SG1-4N-MF-6K
12		GV-461-PRV-SG1-6N-MF-6K
13		GV-461-PRV-SG1-8N-MF-6K
14		GV-461-PRV-SG2-4N-MF-6K
15		GV-461-PRV-SG2-6N-MF-6K
16		GV-461-PRV-SG2-8N-MF-6K
17	Pressure Relief Valve OD x OD 6,000/PSIG	GV-465-PRV-SG1-4T-6K
18		GV-465-PRV-SG1-6T-6K
19		GV-465-PRV-SG1-8T-6K
20		GV-465-PRV-SG2-4T-6K
21		GV-465-PRV-SG2-6T-6K
22		GV-465-PRV-SG2-8T-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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