

CERTIFICATE

**Of Conformity according to MSS SP-99-2010
FOR INSTRUMENTATION VALVES & MANIFOLDS**

TUV INDIA PRIVATE LIMITED
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CERTIFICATE NO. : 811262228
NAME OF MANUFACTURERS : EXCEL HYDRO PNEUMATICS PVT LTD.
1, 2, 83, 1-49, 1-51, Raja Industrial Estate,
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TESTING PARAMETERS

1. Temperature during Testing : 25°C to 40°C
2. Test Pressure : ± 5% PSIG Variation
3. Test Medium : Demineralized Water
4. Verification of material properties: Material test certificate reviewed according to clause No.3 of "MSS SP-99-2010".
5. Hydrostatic burst pressure test : According to clause No. 5.6 of MSS SP-99-2010.

DETAILS OF VALVES TESTED IN ACCORDANCE TO MSS SP-99-2010 CLAUSE NO. 5.6.

SR. No.	DESCRIPTION	QTY/Series	TEST SPECIFICATION REFERENCE	RESULT
1	NEEDLE VALVE SERIES E 101NV, E 102NV, E 103NV	3 Nos.	MSS SP-99-2010	OK
2	NEEDLE VALVE SERIES E 104NV, E 105NV, E 106NV	3 Nos.	MSS SP-99-2010	OK
3	NEEDLE VALVE SERIES E 107NV, E 108NV, E 109NV	3 Nos.	MSS SP-99-2010	OK
4	NEEDLE VALVE SERIES E 110NV, E 111NV	3 Nos.	MSS SP-99-2010	OK
5	MANIFOLD VALVE SERIES E 367BB, E 368AB, E 396DM, E 377CB	3 Nos.	MSS SP-99-2010	OK
6	MANIFOLD VALVE SERIES E 205DM, E 405DM, E 3WCPC, E 5WCPC	3 Nos.	MSS SP-99-2010	OK
7	MANIFOLD VALVE SERIES E 301FF, E 302FF, E 305DM, E 306DM	3 Nos.	MSS SP-99-2010	OK
8	MANIFOLD VALVE SERIES E 307DM, E 310RM, E 311RM	3 Nos.	MSS SP-99-2010	OK
9	MANIFOLD VALVE SERIES E 501FF, E 505DM, E 507DM, E 510RM	3 Nos.	MSS SP-99-2010	OK
10	BALL VALVE SERIES E 210BV, E 220S BV, E 230B-BV	3 Nos.	MSS SP-99-2010	OK
11	BALL VALVE SERIES E 250W3-BV, E 250W3T-BV	3 Nos.	MSS SP-99-2010	OK



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The calculation of cwp rating are based on the Burst Pressure recorded in accordance with MSS SP-99-2010 CLAUSE No. 5.6 is as per Test Report No.: EXL-SP-99-V1, EXL-SP-99-V2, EXL-SP-99-V3, EXL-SP-99-V4, EXL-SP-99-V5.

CONCLUSION: The above mentioned valves have been tested in accordance with MSS SP-99-2010 on 21.07.2015 & 06.08.2015 and the result found satisfactory.

Place : Mumbai

Date : 08.08.2015



(S.V.Prabhu)

Sr. Surveyor