



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

FLUID CONTROLS LIMITED (TESTING LABORATORY)

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

GAT NO.378/1, TALEGAON-CHAKAN ROAD, KHARABWADI, TALUKA-KHED, PUNE, , MAHARASHTRA,
INDIA

in the field of

TESTING

Certificate Number: TC-16263

Issue Date: 15/06/2025

Valid Until: 07/03/2029

This certificate supersedes the Certificate No. TC-9318 with issue date 08/03/2025 in view of change in legal entity of the laboratory.

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: FLUID CONTROLS LIMITED

Signed for and on behalf of NABL




Anuja Anand
Director


N. Venkateswaran
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Testing				
1	CHEMICAL- CORROSION TESTS	Coated Products / Panels / Raw Materials	Salt Spray (Corrosion) Testing Size Of Chamber:- Length-2 Ft/ Width-2 Ft/ Depth-1 Ft 10"	ASTM B 117
2	CHEMICAL- CORROSION TESTS	Plated Products / Panels / Raw Materials	Salt Spray (Corrosion) Testing Size Of Chamber:- Length-2 Ft/ Width-2 Ft/ Depth-1 Ft 10"	ASTM B 117
3	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Carbon	ASTM E 1086
4	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Carbon	IS 9879
5	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Chromium	ASTM E 1086
6	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Chromium	IS 9879
7	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Copper	ASTM E 1086
8	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Copper	IS 9879
9	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Manganese	ASTM E 1086
10	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Manganese	IS 9879
11	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Molybdenum	ASTM E 1086
12	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Molybdenum	IS 9879
13	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Nickel	ASTM E 1086
14	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Nickel	IS 9879



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15	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Phosphorus	ASTM E 1086
16	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Phosphorus	IS 9879
17	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Silicon	ASTM E 1086
18	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Silicon	IS 9879
19	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Sulphur	ASTM E 1086
20	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Sulphur	IS 9879
21	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Aluminium	BS EN 15079
22	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Antimony	BS EN 15079
23	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Arsenic	BS EN 15079
24	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Bismuth	BS EN 15079
25	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cadmium	BS EN 15079
26	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cobalt	BS EN 15079
27	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Iron	BS EN 15079
28	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Lead	BS EN 15079
29	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Manganese	BS EN 15079
30	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel	BS EN 15079



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31	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Phosphorus	BS EN 15079
32	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silicon	BS EN 15079
33	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tin	BS EN 15079
34	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Zinc	BS EN 15079
35	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Aluminium	ASTM E 415
36	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Aluminium	IS 8811
37	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon	ASTM E 415
38	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon	IS 8811
39	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Chromium	ASTM E 415
40	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Chromium	IS 8811
41	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Cobalt	ASTM E 415
42	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Cobalt	IS 8811
43	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Copper	ASTM E 415
44	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Copper	IS 8811
45	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese	ASTM E 415
46	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese	IS 8811



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47	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum	ASTM E 415
48	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum	IS 8811
49	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nickel	ASTM E 415
50	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nickel	IS 8811
51	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Niobium	ASTM E 415
52	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Niobium	IS 8811
53	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorus	ASTM E 415
54	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorus	IS 8811
55	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon	ASTM E 415
56	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon	IS 8811
57	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulphur	ASTM E 415
58	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulphur	IS 8811
59	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Vanadium	ASTM E 415
60	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Vanadium	IS 8811
61	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Ferrous Materials, Alloys & Products	ASTM E 18



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62	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Scale- Mico-Vickers Hardness (HV 0.1) Load:-0.1kgf	ASTM E 384
63	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Scale- Mico-Vickers Hardness (HV 0.1) Load:-0.1kgf	IS 1501 (PART-1)
64	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Scale- Mico-Vickers Hardness (HV 0.2) Load:-0.2kgf	ASTM E 384
65	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Scale- Mico-Vickers Hardness (HV 0.2) Load:-0.2kgf	IS 1501 (PART-1)
66	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Scale- Micro-Vickers Hardness (HV 0.050) Load:-0.050kgf	ASTM E 384
67	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Scale- Micro-Vickers Hardness (HV 0.050) Load:-0.050kgf	IS 1501 (PART-1)
68	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Scale- Rockwell Hardness (HRA) Load:-60kgf	ASTM E 18
69	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Scale- Rockwell Hardness (HRA) Load:-60kgf	IS 1586 (PART-1)
70	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Scale- Rockwell Hardness (HRA) Load:-60kgf	ISO 6508 (PART-1)



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71	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Scale- Rockwell Hardness (HRBW) Load:-100kgf (Ball Dia. 1.5875mm)	ASTM E 18
72	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Scale- Rockwell Hardness (HRBW) Load:-100kgf (Ball Dia. 1.5875mm)	IS 1586 (PART-1)
73	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Scale- Rockwell Hardness (HRBW) Load:-100kgf (Ball Dia. 1.5875mm)	ISO 6508 (PART-1)
74	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Scale- Rockwell Hardness (HRC) Load:-150kgf	IS 1586 (PART-1)
75	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Scale- Rockwell Hardness (HRC) Load:-150kgf	ISO 6508 (PART-1)
76	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Materials, Alloys & Products	Scale- Mico-Vickers Hardness (HV 0.1) Load:-0.1kgf	ASTM E 384
77	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Materials, Alloys & Products	Scale- Mico-Vickers Hardness (HV 0.1) Load:-0.1kgf	IS 1501 (PART-1)
78	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Materials, Alloys & Products	Scale- Mico-Vickers Hardness (HV 0.2) Load:-0.2kgf	ASTM E 384
79	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Materials, Alloys & Products	Scale- Mico-Vickers Hardness (HV 0.2) Load:-0.2kgf	IS 1501 (PART-1)



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80	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Materials, Alloys & Products	Scale- Micro-Vickers Hardness (HV 0.050) Load:-0.050kgf	ASTM E 384
81	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Materials, Alloys & Products	Scale- Micro-Vickers Hardness (HV 0.050) Load:-0.050kgf	IS 1501 (PART-1)
82	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Materials, Alloys & Products	Scale- Rockwell Hardness (HRA) Load:-60kgf	ASTM E 18
83	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Materials, Alloys & Products	Scale- Rockwell Hardness (HRA) Load:-60kgf	IS 1586 (PART-1)
84	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Materials, Alloys & Products	Scale- Rockwell Hardness (HRA) Load:-60kgf	ISO 6508 (PART-1)
85	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Materials, Alloys & Products	Scale- Rockwell Hardness (HRBW) Load:-100kgf (Ball Dia. 1.5875mm)	ASTM E 18
86	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Materials, Alloys & Products	Scale- Rockwell Hardness (HRBW) Load:-100kgf (Ball Dia. 1.5875mm)	IS 1586 (PART-1)
87	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Materials, Alloys & Products	Scale- Rockwell Hardness (HRBW) Load:-100kgf (Ball Dia. 1.5875mm)	ISO 6508 (PART-1)
88	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Materials, Alloys & Products	Scale- Rockwell Hardness (HRC) Load:-150kgf	ASTM E 18



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89	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non-Ferrous Materials, Alloys & Products	Scale- Rockwell Hardness (HRC) Load:-150kgf	IS 1586 (PART-1)
90	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non-Ferrous Materials, Alloys & Products	Scale- Rockwell Hardness (HRC) Load:-150kgf	ISO 6508 (PART-1)
91	MECHANICAL- METALLOGRAPHY TEST	Austenitic Stainless Steel	Detecting Susceptibility to Intergranular Attack in Austenitic Stainless Steels, Test Practice " A "	ASTM A 262
92	MECHANICAL- METALLOGRAPHY TEST	Austenitic Stainless Steels	Detecting Susceptibility to Intergranular Attack in Austenitic Stainless Steels, Test Practice " E "	ASTM A 262
93	MECHANICAL- SUB ASSEMBLY/ANCILLARI ES/ACCESSORIES	Pipes, Hoses Valves & Fittings	Burst Pressure Test	ISO 19879, Clause No.8
94	MECHANICAL- SUB ASSEMBLY/ANCILLARI ES/ACCESSORIES	Pipes, Hoses Valves & Fittings	Cyclic Endurance Test	ISO 19879, Clause No.9
95	MECHANICAL- SUB ASSEMBLY/ANCILLARI ES/ACCESSORIES	Pipes, Hoses Valves & Fittings	Proof Pressure Test	EN 856, Clause No.6.1
96	MECHANICAL- SUB ASSEMBLY/ANCILLARI ES/ACCESSORIES	Pipes, Hoses Valves & Fittings	Proof Pressure Test	ISO 19879, Clause No.7
97	MECHANICAL- SUB ASSEMBLY/ANCILLARI ES/ACCESSORIES	Pipes, Hoses, Valves & Fittings	Burst Pressure Test	MIL DTL-22240G, Clause No. 3.7 & Clause No. 4.8.8
98	MECHANICAL- SUB ASSEMBLY/ANCILLARI ES/ACCESSORIES	Pipes, Hoses, Valves & Fittings	Burst Test	SAE J 517, Clause No.13.1.4



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99	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, Hoses, Valves & Fittings	Cyclic Endurance (Impulse) Test With Vibration	ISO 19879, Clause No.13
100	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, hoses, valves & fittings	Flexure Testing of Hydraulic Tubing, Joints & Fittings (S-N Flexure Test)	ARP 1185, Clause No 4.0
101	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, hoses, valves & fittings	Flexure Testing of Hydraulic Tubing, Joints & Fittings (Standard Flexure Test)	ARP 1185, Clause No 4.0
102	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, hoses, valves & fittings	Hydrostatic Burst Pressure	AS 2094, Clause No 4.5
103	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, hoses, valves & fittings	Hydrostatic Burst Test	ASTM F 1387 (Clause No. A8)
104	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, Hoses, Valves & Fittings	Hydrostatic Burst Test	EN 856, Clause No.6.1
105	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, Hoses, Valves & Fittings	Hydrostatic Burst Test	ISO 1402, Clause No. 8.3 & Clause No. 7.2.2
106	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, hoses, valves & fittings	Hydrostatic Proof Test	ASTM F 1387 (Clause No. A4)
107	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, Hoses, Valves & Fittings	Impulse Pressure Test	EN 856, Clause No. 6.3
108	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, Hoses, Valves & Fittings	Impulse Pressure Test	ISO 6803, Clause No.8
109	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, hoses, valves & fittings	Impulse Test	ASTM F 1387 (Clause No. A5)



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110	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, Hoses, Valves & Fittings	Impulse Test	SAE J 517, Clause No.13.1.9
111	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, hoses, valves & fittings	Impulse Testing of Hydraulic Hose, Tubing & Fitting Assemblies	AS 603, Clause No 4.0
112	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, hoses, valves & fittings	Joint Strength Test	AS 18280, Clause No 4.4.9
113	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, Hoses, Valves & Fittings	Leakage Test	ISO 19879, Clause No.6
114	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, hoses, valves & fittings	Pneumatic Pressure	AS 2094, Clause No 4.2
115	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, Hoses, Valves & Fittings	Pneumatic Pressure Test	SAE J 343, Clause No.4.7
116	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, hoses, Valves & fittings	Pneumatic Proof Test	ASTM F 1387 (Clause No. A3)
117	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, hoses, valves & fittings	Proof Pressure Test	AS 2094, Clause No 4.1
118	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, Hoses, Valves & Fittings	Proof Pressure Test	ISO 1402, Clause No. 8.1 & Clause No. 7.2.2
119	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, Hoses, Valves & Fittings	Proof Test	SAE J 517, Clause No.13.1.2
120	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, hoses, valves & fittings	Repeated Assembly Test	ASTM F 1387 (Clause No. A9)
121	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, hoses, valves & fittings	Reuse Capability	AS 2094, Clause No 4.8



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122	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, hoses, valves & fittings	Rotary Flexure Test	ASTM F 1387 (Clause No. A10)
123	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Pipes, Hoses, Valves & Fittings	Vaccum Test	ISO 19879, Clause No.10