



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

TEKNO VALVES (LABORATORY DIVISION)

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

NATUN RASTA, BILKANDA, KOLKATA, WEST BENGAL, INDIA

in the field of

TESTING

Certificate Number: TC-11058

Issue Date: 14/10/2024

Valid Until: 13/10/2028

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: Tekno Valves

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TEKNO VALVES (LABORATORY DIVISION), NATUN RASTA, BILKANDA, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11058 **Page No** 1 of 6

Validity 14/10/2024 to 13/10/2028 **Last Amended on** 18/10/2024

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- METALS & ALLOYS	Aluminium alloy	Chromium (Cr)	ASTM E1251
2	CHEMICAL- METALS & ALLOYS	Aluminium alloy	Copper (Cu)	ASTM E1251
3	CHEMICAL- METALS & ALLOYS	Aluminium alloy	Iron (Fe)	ASTM E1251
4	CHEMICAL- METALS & ALLOYS	Aluminium alloy	Magnesium (Mg)	ASTM E1251
5	CHEMICAL- METALS & ALLOYS	Aluminium alloy	Manganese (Mn)	ASTM E1251
6	CHEMICAL- METALS & ALLOYS	Aluminium alloy	Silicon (Si)	ASTM E1251
7	CHEMICAL- METALS & ALLOYS	Aluminium alloy	Titanium (Ti)	ASTM E1251
8	CHEMICAL- METALS & ALLOYS	Brass/Bronze	Aluminium (Al)	BS EN 15079
9	CHEMICAL- METALS & ALLOYS	Brass/Bronze	Arsenic (As)	BS EN 15079
10	CHEMICAL- METALS & ALLOYS	Brass/Bronze	Iron (Fe)	BS EN 15079
11	CHEMICAL- METALS & ALLOYS	Brass/Bronze	Lead (Pb)	BS EN 15079
12	CHEMICAL- METALS & ALLOYS	Brass/Bronze	Manganese (Mn)	BS EN 15079
13	CHEMICAL- METALS & ALLOYS	Brass/Bronze	Nickel (Ni)	BS EN 15079
14	CHEMICAL- METALS & ALLOYS	Brass/Bronze	Silicon (Si)	BS EN 15079
15	CHEMICAL- METALS & ALLOYS	Brass/Bronze	Tin (Sn)	BS EN 15079
16	CHEMICAL- METALS & ALLOYS	Brass/Bronze	Zinc (Zn)	BS EN 15079
17	CHEMICAL- METALS & ALLOYS	Carbon Steel	Sulphur (S)	IS 8811
18	CHEMICAL- METALS & ALLOYS	Carbon Steel	Carbon (C)	IS 8811
19	CHEMICAL- METALS & ALLOYS	Carbon Steel	Chromium (Cr)	IS 8811



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

TEKNO VALVES (LABORATORY DIVISION), NATUN RASTA, BILKANDA,
KOLKATA, WEST BENGAL, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-11058

Page No

2 of 6

Validity

14/10/2024 to 13/10/2028

Last Amended on

18/10/2024

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
20	CHEMICAL- METALS & ALLOYS	Carbon Steel	Copper (Cu)	IS 8811
21	CHEMICAL- METALS & ALLOYS	Carbon Steel	Manganese (Mn)	IS 8811
22	CHEMICAL- METALS & ALLOYS	Carbon Steel	Molybdenum (Mo)	IS 8811
23	CHEMICAL- METALS & ALLOYS	Carbon Steel	Nickel (Ni)	IS 8811
24	CHEMICAL- METALS & ALLOYS	Carbon Steel	Phosphorus (P)	IS 8811
25	CHEMICAL- METALS & ALLOYS	Carbon Steel	Silicon (Si)	IS 8811
26	CHEMICAL- METALS & ALLOYS	Nickel Alloy	Aluminium (Al)	ASTM E3047
27	CHEMICAL- METALS & ALLOYS	Nickel alloy	Carbon (C)	ASTM E3047
28	CHEMICAL- METALS & ALLOYS	Nickel Alloy	Copper (Cu)	ASTM E3047
29	CHEMICAL- METALS & ALLOYS	Nickel Alloy	Iron (Fe)	ASTM E3047
30	CHEMICAL- METALS & ALLOYS	Nickel Alloy	Manganese (Mn)	ASTM E3047
31	CHEMICAL- METALS & ALLOYS	Nickel Alloy	Silicon (Si)	ASTM E3047
32	CHEMICAL- METALS & ALLOYS	Nickel Alloy	Sulphur (S)	ASTM E3047
33	CHEMICAL- METALS & ALLOYS	Nickel Alloy	Titanium (Ti)	ASTM E3047
34	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon (C)	IS 9879
35	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium (Cr)	ASTM E1086
36	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium (Cr)	IS 9879
37	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper (Cu)	IS 9879
38	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese (Mn)	ASTM E1086
39	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese (Mn)	IS 9879

This is annexure to 'Certificate of Accreditation' and does not require any signature.



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

TEKNO VALVES (LABORATORY DIVISION), NATUN RASTA, BILKANDA,
KOLKATA, WEST BENGAL, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-11058

Page No

3 of 6

Validity

14/10/2024 to 13/10/2028

Last Amended on

18/10/2024

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
40	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum (Mo)	IS 9879
41	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel (Ni)	IS 9879
42	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus (P)	ASTM E 1086
43	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon (Si)	ASTM E1086
44	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon (Si)	IS 9879
45	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur (S)	JIS G 1253
46	CHEMICAL- METALS & ALLOYS	Tool Steel	Carbon (C)	JIS G 1253
47	CHEMICAL- METALS & ALLOYS	Tool Steel	Cobalt (Co)	JIS G 1253
48	CHEMICAL- METALS & ALLOYS	Tool Steel	Molybdenum (Mo)	JIS G 1253
49	CHEMICAL- METALS & ALLOYS	Tool Steel	Nickel (Ni)	JIS G 1253
50	CHEMICAL- METALS & ALLOYS	Tool Steel	Spectrometric Analysis of Chromium (Cr)	JIS G 1253
51	CHEMICAL- METALS & ALLOYS	Tool Steel	Spectrometric Analysis of Manganese (Mn)	JIS G 1253
52	CHEMICAL- METALS & ALLOYS	Tool Steel	Spectrometric Analysis of Phosphorus (P)	JIS G 1253
53	CHEMICAL- METALS & ALLOYS	Tool Steel	Spectrometric Analysis of Silicon (Si)	JIS G 1253
54	CHEMICAL- METALS & ALLOYS	Tool Steel	Spectrometric Analysis of Sulphur (S)	JIS G 1253
55	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium (V)	JIS G 1253
56	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium alloys and Nickel Alloys	% Elongation	IS 1608 Part 1
57	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium alloys and Nickel Alloys	% Reduction in area	IS 1608 Part 1
58	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium alloys and Nickel Alloys	Brinell Hardness (HBW)	IS 1500 (Part 1)

This is annexure to 'Certificate of Accreditation' and does not require any signature.



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TEKNO VALVES (LABORATORY DIVISION), NATUN RASTA, BILKANDA, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11058 **Page No** 4 of 6

Validity 14/10/2024 to 13/10/2028 **Last Amended on** 18/10/2024

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
59	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium alloys and Nickel Alloys	Izod Impact	IS 1598
60	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium alloys and Nickel alloys	Rockwell Hardness (HRA)	IS 1586 (Part 1)
61	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium alloys and Nickel alloys	Rockwell Hardness (HRBW)	IS 1586 (Part 1)
62	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium alloys and Nickel alloys	Tensile Strength	IS 1608 Part 1
63	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium alloys and Nickel alloys	Vickers Hardness (HV10)	IS1501 (Part 1)
64	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium alloys and Nickel alloys	Vickers Hardness (HV5)	IS 1501 (Part 1)
65	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum alloys and Nickel alloys	Yield Strength	IS 1608 Part 1
66	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Alloys and Nickel Based Alloys	Vickers Hardness (HV 20)	IS 1501 (Part 1)
67	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum and Nickel Alloys	Vickers Hardness (HV1)	IS 1501 (part 1)
68	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum and Nickel Alloys	Vickers Hardness (HV30)	IS1501 (Part1)
69	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper based alloy	% Elongation	IS 1608 (Part 1)
70	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper based alloy	% Reduction in Area	IS 1608 Part 1
71	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper based alloy	Brinell Hardness (HBW)	IS 1500 (Part 1)
72	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper based Alloy	Izod Impact	IS 1598



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TEKNO VALVES (LABORATORY DIVISION), NATUN RASTA, BILKANDA, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11058 **Page No** 5 of 6

Validity 14/10/2024 to 13/10/2028 **Last Amended on** 18/10/2024

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
73	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper based alloy	Rockwell Hardness (HRA)	IS 1586 (Part 1)
74	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper based alloy	Rockwell Hardness (HRBW)	IS 1586 (Part 1)
75	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper based alloy	Tensile Strength	IS 1608 (Part 1)
76	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Based Alloy	Vickers hardness (HV 20)	IS 1501 (part 1)
77	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper based alloy	Vickers Hardness (HV10)	IS 1501 (Part 1)
78	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper based alloy	Vickers Hardness (HV30)	IS 1501 (Part 1)
79	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper based alloy	Vickers Hardness (HV5)	IS 1501 (Part 1)
80	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper based alloy	Yield Strength	IS 1608 (Part 1)
81	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Based alloys	Vickers Hardness (HV1)	IS 1501 (Part1)
82	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys	Brinell Hardness	IS 1500 (Part 1)
83	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous based alloy	% Elongation	IS 1608 (Part 1)
84	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous based alloy	% Reduction in area	IS 1608 Part 1
85	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous based alloy	Rockwell Hardness (HRC)	IS 1586 (Part 1)
86	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous based alloy	Tensile Strength	IS 1608 Part 1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TEKNO VALVES (LABORATORY DIVISION), NATUN RASTA, BILKANDA, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11058 **Page No** 6 of 6

Validity 14/10/2024 to 13/10/2028 **Last Amended on** 18/10/2024

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
87	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Based Alloy	Vickers Hardness (HV 20)	IS 1501 (part 1)
88	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous based alloys	Izod Impact	IS 1598
89	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous based alloys	Rockwell Hardness (HRA)	IS 1586 (Part 1)
90	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous based Alloys	Rockwell Hardness (HRBW)	IS 1586 (Part 1)
91	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Based Alloys	Vickers Hardness (HV 1)	IS 1501 (part1)
92	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous based alloys	Vickers Hardness (HV10)	IS 1501 (Part 1)
93	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous based alloys	Vickers Hardness (HV30)	IS 1501 (Part 1)
94	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous based alloys	Vickers Hardness (HV5)	IS 1501 (Part 1)
95	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous based alloys	Yield Strength	IS 1608 Part 1