



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 1 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	BIOLOGICAL- WATER	Packaged Drinking water (IS:14543-2016)	Aerobic Microbial Count 20 to 22 deg.C with in 72 hrs	IS 5402: 2012	1 CFU/ml to 10000000 CFU/ml
2	BIOLOGICAL- WATER	Packaged Drinking water(IS:14543-2016)	Aerobic Microbial Count 37 deg.C with in 24 hrs	IS 5402: 2012	1 CFU/ml to 10000000 CFU/ml
3	BIOLOGICAL- WATER	Packaged Drinking water(IS:14543-2016)	Coliforms	IS 15185: 2016	Qualitative(Present/Absent/250ml)
4	BIOLOGICAL- WATER	Packaged Drinking Water(IS:14543-2016)	E.coli	IS 15185: 2016	Qualitative(Present/Absent/250ml)
5	BIOLOGICAL- WATER	Packaged Drinking water(IS:14543-2016)	Faecal streptococci	IS 15186 RA 2014: 2002	Qualitative(Present/Absent/250ml)
6	BIOLOGICAL- WATER	Packaged Drinking water(IS:14543-2016)	Pseudomonas aeruginosa	IS 13428 RA 2014 Annex : D : 2005	Qualitative(Present/Absent/250ml)
7	BIOLOGICAL- WATER	Packaged Drinking water(IS:14543-2016)	Salmonella	IS 15187: 2016	Qualitative(Present/Absent/250ml)
8	BIOLOGICAL- WATER	Packaged Drinking water(IS:14543-2016)	Shigella	IS 5887 Part VII RA : 2013: 1999	Qualitative(Present/Absent/250ml)
9	BIOLOGICAL- WATER	Packaged Drinking water(IS:14543-2016)	Staphylococcus aureus	IS 5887 part II RA 2013: 1976	Qualitative(Present/Absent/250ml)
10	BIOLOGICAL- WATER	Packaged Drinking water(IS:14543-2016)	Sulphite Reducing Anaerobes	IS 13428 RA 2014 Annex:C: 2005	Qualitative(Present/Absent/50ml)
11	BIOLOGICAL- WATER	Packaged Drinking water(IS:14543-2016)	Vibrio cholera	IS 5887 Part V RA : 2013 : 1976	Qualitative(Present/Absent/250ml)
12	BIOLOGICAL- WATER	Packaged Drinking water(IS:14543-2016)	Vibrio parahaemolyticus	IS 5887 part V RA : 2013: 1976	Qualitative(Present/Absent/250ml)
13	BIOLOGICAL- WATER	Packaged Drinking water(IS:14543-2016)	Yeast and Mould	IS 5403 RA 2013: 1999	Qualitative(Present/Absent/250ml)



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5135 Page No. : 2 / 65
Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
14	BIOLOGICAL- WATER	Packaged natural mineral water(IS:13428-2005) (RA-2014)	Coliform	IS 15185: 2016	Qualitative(Present/Absent/250ml)
15	BIOLOGICAL- WATER	Packaged Natural mineral water(IS:13428-2005) (RA-2014)	E.coli	IS 15185: 2016	Qualitative(Present/Absent/250ml)
16	BIOLOGICAL- WATER	Packaged natural mineral water(IS:13428-2005) (RA-2014)	Faecal streptococci	IS 15186 RA 2014: 2002	Qualitative(Present/Absent/250ml)
17	BIOLOGICAL- WATER	Packaged Natural mineral water(IS:13428-2005) (RA-2014)	Pseudomonas aeruginosa	IS 13428 RA 2014 Annex : D: 2005	Qualitative(Present/Absent/250ml)
18	BIOLOGICAL- WATER	Packaged Natural mineral water(IS:13428-2005) (RA-2014)	Salmonella	IS 15187: 2016	Qualitative(Present/Absent/250ml)
19	BIOLOGICAL- WATER	Packaged Natural mineral water(IS:13428-2005) (RA-2014)	Shigella	IS 5887 Part VII RA 2013: 1999	Qualitative(Present/Absent/250ml)
20	BIOLOGICAL- WATER	Packaged Natural mineral water(IS:13428-2005) (RA-2014)	Staphylococcus aureus	IS 5887 Part II RA 2013: 1976	Qualitative(Present/Absent/250ml)



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 3 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
21	BIOLOGICAL- WATER	Packaged Natural Mineral water(IS:13428-2005) (RA-2014)	Sulphite Reducing Anaerobes	IS 13428 RA 2014 Annex: C: 2005	Qualitative(Present/Absent/50ml)
22	BIOLOGICAL- WATER	Packaged Natural Mineral Water(IS:13428-2005) (RA-2014)	Vibrio cholera	IS 5887 Part V RA 2013: 1976	Qualitative(Present/Absent/250ml)
23	BIOLOGICAL- WATER	Packaged Natural mineral water(IS:13428-2005) (RA-2014)	Vibrio parahaemolyticus	IS 5887 Part V RA 2013 : 1976	Qualitative(Present/Absent/250ml)
24	BIOLOGICAL- WATER	Packaged Natural mineral water(IS:13428-2005) (RA-2014)	Yeast and Mould	IS 5403 RA 2013: 1999	Qualitative(Present/Absent/250ml)
25	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Zinc coated iron and steel articles	Mass of Zinc Coating	IS 6745 with Amd No. 1 to 5 (RA 2016) By stripping Method: 1972	50 g/m ² to 2000 g/m ²
26	CHEMICAL- METALS & ALLOYS	Austenitic and Ferritic Stainless Steels	Aluminum	IS 9879 (RA 2015) By Emission Spectrometric Analysis: 1998	0.010 % to 0.090 %
27	CHEMICAL- METALS & ALLOYS	Austenitic and Ferritic Stainless Steels	Carbon	IS 9879 (RA 2015) By Emission Spectrometric Analysis: 1998	0.022 % to 0.26 %
28	CHEMICAL- METALS & ALLOYS	Austenitic and Ferritic Stainless Steels	Carbon	IS 228 Part1 (RA 2018): 1987	0.02 % to 1.5 %



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 4 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
29	CHEMICAL- METALS & ALLOYS	Austentic and Ferritic Stainless Steels	Chromium	IS 9879 (RA 2015) By Emission Spectrometric Analysis: 1998	7.0 % to 24.19 %
30	CHEMICAL- METALS & ALLOYS	Austentic and Ferritic Stainless Steels	Chromium	IS 228 Part 6 (RA 2014) Tittimetry: 1987	0.10 % to 30.0 %
31	CHEMICAL- METALS & ALLOYS	Austentic and Ferritic Stainless Steels	Cobalt	IS 9879 (RA 2015) By Emission Spectrometric Analysis: 1998	0.013 % to 0.50 %
32	CHEMICAL- METALS & ALLOYS	Austentic and Ferritic Stainless Steels	Copper	IS 9879 (RA 2015) By Emission Spectrometric Analysis: 1998	0.088 % to 0.38 %
33	CHEMICAL- METALS & ALLOYS	Austentic and Ferritic Stainless Steels	Copper	IS 228 Part 15 (RA 2014) By Thiosulphate Iodide Method: 1992	0.05 % to 5.0 %
34	CHEMICAL- METALS & ALLOYS	Austentic and Ferritic Stainless Steels	Manganese	IS 9879 (RA 2015) By Emission Spectrometric Analysis: 1998	0.32 % to 12.11 %
35	CHEMICAL- METALS & ALLOYS	Austentic and Ferritic Stainless Steels	Manganese	IS 228 Part 2 (RA 2018) By Titrimetric Method: 1987	0.10 % to 2.0 %
36	CHEMICAL- METALS & ALLOYS	Austentic and Ferritic Stainless Steels	Molybdenum	IS 9879 (RA 2015) By Emission Spectrometric Analysis: 1998	0.10 % to 2.77 %
37	CHEMICAL- METALS & ALLOYS	Austentic and Ferritic Stainless Steels	Molybdenum	IS 228 Part 7 (RA 2018) By Alpha Benzoinoxime Method: 1990	0.10 % to 5.0 %



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 5 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
38	CHEMICAL- METALS & ALLOYS	Austentic and Ferritic Stainless Steels	Nickel	IS 9879 (RA 2015) By Emission Spectrometric Analysis: 1998	1.80 % to 20.00 %
39	CHEMICAL- METALS & ALLOYS	Austentic and Ferritic Stainless Steels	Nickel	IS 228 Part 5 (RA 2014) By Gravimetric Method: 1987	0.10 % to 22.0 %
40	CHEMICAL- METALS & ALLOYS	Austentic and Ferritic Stainless Steels	Niobium	IS 9879(RA 2015) By Emission Spectrometric Analysis: 1998	0.020 % to 0.81 %
41	CHEMICAL- METALS & ALLOYS	Austentic and Ferritic Stainless Steels	Phosphorous	IS 9879 (RA 2015) By Emission Spectrometric Analysis: 1998	0.015 % to 0.030 %
42	CHEMICAL- METALS & ALLOYS	Austentic and Ferritic Stainless Steels	Phosphorous	IS 228 Part 3 (RA 2018) By Alkalimetric Method: 1987	0.02 % to 1.0 %
43	CHEMICAL- METALS & ALLOYS	Austentic and Ferritic Stainless Steels	Silicon	IS 9879 (RA 2015) By Emission Spectrometric Analysis: 1998	0.45 % to 2.40 %
44	CHEMICAL- METALS & ALLOYS	Austentic and Ferritic Stainless Steels	Silicon	IS 228 Part 8 (RA 2014) By Gravimetric Method: 1989	0.05 % to 2.0 %
45	CHEMICAL- METALS & ALLOYS	Austentic and Ferritic Stainless Steels	Sulphur	IS 9879 (RA 2015) By Emission Spectrometric Analysis: 1998	0.0016 % to 0.020 %
46	CHEMICAL- METALS & ALLOYS	Austentic and Ferritic Stainless Steels	Sulphur	IS 228 Part 9 (RA 2014) By Evolution Method: 1989	0.01 % to 0.25 %



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 6 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
47	CHEMICAL- METALS & ALLOYS	Austenitic and Ferritic Stainless Steels	Titanium	IS 9879 (RA 2015) By Emission Spectrometric Analysis: 1998	0.0030 % to 0.23 %
48	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloys	Arsenic	IS 8811 (RA 2018) by Emission Spectrometric Analysis: 1998	0.002 % to 0.10 %
49	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy	Carbon	IS 8811 (RA 2018) by Emission Spectrometric Analysis: 1998	0.025 % to 1.0 %
50	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steels	Aluminium	IS 8811 (RA 2018) by Emission Spectrometric Analysis: 1998	0.007 % to 0.13 %
51	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steels	Boron	IS 8811 (RA 2018) By Emission Spectrometric Analysis: 1998	0.0020 % to 0.007 %
52	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low alloy Steels	Carbon	IS 228 Part 1 (RA 2018) By Volumetric Method: 1987	0.02 % to 1.5 %
53	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low alloy Steels	Chromium	IS 228 Part 6 (RA 2014) Persulphate Oxidation Method: 1987	0.020 % to 1.50 %
54	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steels	Chromium	IS 8811 (RA 2018) By Emission Spectrometric Analysis: 1998	0.049 % to 3.70 %
55	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steels	Cobalt	IS 8811 (RA 2018) By Emission Spectrometric Analysis: 1998	0.011 % to 0.21 %



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 7 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
56	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low alloy Steels	Copper	IS 228 part 15 (RA 2014) By Thiosulphate Iodide method: 1992	0.05 % to 5 %
57	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steels	Copper	IS 8811 (RA 2018) By Emission Spectrometric Analysis: 1998	0.014 % to 0.410 %
58	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low alloy Steels	Manganese	IS 228 Part 2 (RA 2018) By Titrametric Method: 1987	0.10 % to 1.5 %
59	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steels	Manganese	IS 8811 (RA 2018) By Emission Spectrometric Analysis: 1998	0.035 % to 1.00 %
60	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low alloy Steels	Molybdenum	IS 228 Part 7 (RA 2018) By Alpha Benzoinoxime Method : 1990	0.10 % to 5.0 %
61	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steels	Molybdenum	IS 8811 (RA 2018) By Emission Spectrometric Analysis: 1998	0.013 % to 1.20 %
62	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low alloy Steels	Nickel	IS 228 Part 5 (RA 2014) By Gravimetric Method: 1987	0.10 % to 22.0 %
63	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steels	Nickel	IS 8811 (RA 2018) By Emission Spectrometric Analysis: 1998	0.018 % to 1.62 %
64	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steels	Niobium	IS 8811 (RA 2018) By Emission Spectrometric Analysis: 1998	0.022 % to 0.134 %



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 8 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
65	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steels	Nitrogen	IS 8811 (RA 2018) By Emission Spectrometric Analysis: 1998	0.0052 % to 0.009 %
66	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low alloy Steels	Phosphorous	IS 228 Part 3 (RA 2018) By Alkalimetric Method: 1987	0.03 % to 1.0 %
67	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steels	Phosphorus	IS 8811 (RA 2018) By Emission Spectrometric Analysis: 1998	0.016 % to 0.121 %
68	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low alloy Steels	Silicon	IS 228 Part 8 (RA 2014) By Gravimetric Method: 1989	0.05 % to 2.0 %
69	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steels	Silicon	IS 8811 (RA 2018) By Emission Spectrometric Analysis: 1998	0.015 % to 0.80 %
70	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low alloy Steels	Sulphur	IS 228 Part 9 (RA 2014) By Evolution Method (RA 2014): 1989	0.01 % to 0.25 %
71	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steels	Sulphur	IS 8811 (RA 2018) By Emission Spectrometric Analysis: 1998	0.0065 % to 0.048 %
72	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steels	Tin	IS 8811 (RA 2018) By Emission Spectrometric Analysis: 1998	0.002 % to 0.032 %
73	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steels	Titanium	IS 8811 (RA 2018) By Emission Spectrometric Analysis: 1998	0.0014 % to 0.32 %



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 9 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
74	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low Alloy Steels	Vanadium	IS 8811 (RA 2018) By Emission Spectrometric Analysis: 1998	0.026 % to 0.30 %
75	CHEMICAL- PAINTS & SURFACE COATING	Paints, varnishes and related products	Colour	IS 101 Part 4 Sec 2 (RA 2014) By Visual & IS 5 2007 (RA 2017) : 1989	Qualitative
76	CHEMICAL- PAINTS & SURFACE COATING	Paints, varnishes and related products	Water Content	IS 101 Part 2 Sec 1 (RA 2014) By Dean and Stark: 1988	0.1 % to 10 %
77	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Accelerated Storage Stability test @ 60° C	IS 2074 Part 1: 2015	Qualitative
78	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Accelerated Storage Stability test @ 60° C	IS 2932 Part 1 Amend No.1, : 2013	Qualitative
79	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Accelerated Storage Stability test @ 60° C	IS 8662: (RA 2014): 2004	Qualitative
80	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Accelerated Storage Stability test @ 60° C	Annex D of IS 133: Part 1 with Amend No.1,: 2013	Qualitative
81	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Acid Value	IS 101 Part 9 Sec 1 (RA 2015) By Titrimetry: 1993	1.0 % to 30.0 %
82	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Ash content	IS 101 Part 8 Sec 3 (RA 2014) By Ignition: 1993	0.50 % to 80 %
83	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Chromic Anhydride	IS 2074 Part 1: 2015	1.0 % to 20.0 %



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 10 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
84	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Chromic Anhydride	IS 104 by Titrametry: 2017	1.0 % to 20.0 %
85	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Compatibility with thinner	IS 2074 Part 1: 2015	Qualitative
86	CHEMICAL- PAINTS & SURFACE COATING	paints, varnishes and related products	Dry Film Thickness	IS 101 Part 3 Sec 2 Non Destructive (RA 2014): 1989	10 µm to 500 µm
87	CHEMICAL- PAINTS & SURFACE COATING	Paints, varnishes and related products	Drying Time	IS 101 Part 3/Sec 1 with Amend No. 1 & 2 (RA 2017): 1986	Qualitative
88	CHEMICAL- PAINTS & SURFACE COATING	Paints, varnishes and related products	Fineness of Grind	IS 101 part 3 Sec 5 (RA 2014) By Hegmann Gauge: 1987	5 µm to 100 µm
89	CHEMICAL- PAINTS & SURFACE COATING	Paints, varnishes and related products	Finish	IS 101 part Sec 4 with Amend no. 1 to 3 (RA 2014): 1987	Qualitative
90	CHEMICAL- PAINTS & SURFACE COATING	paints, varnishes and related products	Flexibility and Adhesion	IS 101 Part 5 Sec 2 with Amend No. 1 to 3 bend test 6.25mm cylindrical mandrel (RA 2015): 1988	Qualitative
91	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Freedom from yellow	IS 133 Part 1 with Amend No.1: 2013	Qualitative
92	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Iron Oxide	IS 6947 Part 2 (RA 2014): 1975	10.0 % to 90.0 %
93	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and related products	Mass	IS 101 Part 1 Sec 7 (RA 2014): 1987	1 kg/10 litres to 30 kg/10 litres



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 11 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
94	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Pigment content	IS 101 Part 8 Sec 2 with Amd.No 1 to with Amend.No 1 to 4 (RA 2012) : 1990	10.0 % to 95.0 %
95	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and related products	Protection against corrosion	IS 101 Part 6 Sec 1 with Amend No. 1 to 3 (RA 2015): 1988	Qualitative
96	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Pthalic anhydride	IS 101 Part 8 /Sec 4: 2015	5 % to 40 %
97	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Resistance to acid	IS 2932 Part 1 with Amd No.1: 2013	Qualitative
98	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Resistance to acid	IS 8662 (RA 2014): 2004	Qualitative
99	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Resistance to acid	IS 158: 2015	Qualitative
100	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Resistance to Acid	IS 9862 with Amend no.1 (RA 2009) : 1981	Qualitative
101	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Resistance to Alkali	IS 9862: (RA 2009) with Amend.No.1: 1981	Qualitative
102	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Resistance to Alkali	IS 2932 Part 1 with Amend No.1: 2013	Qualitative
103	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Resistance to Alkali	IS 8662 (RA 2014): 2004	Qualitative
104	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Resistance to Alkali	IS 158 : 2015	Qualitative
105	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Resistance to lead	IS 101 Part 8 Sec 5 (RA 2014) with Amend No.1 : 1993	0.003 % to 5.0 %



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 12 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
106	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Resistance to liquid	IS 101 Part 7 Sec 2 with Amend no.1 (RA 2015) : 1993	Qualitative
107	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Resistance to Salt Spray	IS 101 Part 8 Sec.2 with Amend. No. 1 to 4 (RA 2012) : 1990	Qualitative
108	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Resistance to Water	IS 9862 With Amend No. 1(RA 2009) : 1981	Qualitative
109	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Resistance to Water	IS 101 Part 7 Sec1 (RA 2014) : 1989	Qualitative
110	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Resistance to Water	133 Part 1 with Amend No.1: 2013	Qualitative
111	CHEMICAL- PAINTS & SURFACE COATING	paints, varnishes and related products	Scratch Hardness	IS 101 Part 5 Sec 2 with Amend No. 1 to 3 (RA 2015): 1988	Qualitative
112	CHEMICAL- PAINTS & SURFACE COATING	paints, varnishes and related products	Viscosity	IS 101 Part 1 Sec 5 with Amend No. 1 & 2 (RA 2014) by B4 Flow Cup Method: 1989	10 s to 160 s
113	CHEMICAL- PAINTS & SURFACE COATING	Paints, varnishes and related products	Volatile matter	IS 101 Part 2 Sec 2 with Amend No.1: 1986	2 % to 75 %
114	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Volume of Solids	IS 101 Part 8 Sec 6 (RA 2014): 1993	10 % to 90 %
115	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and related products	Wet Opacity	IS 101 Part 4 Sec 1 (RA 2015) Pfund Cryptometer: 1988	40 m ² /10 litres to 700 m ² /10 litres
116	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Zinc Oxide	IS 2074 Part 1 with Amend No.1: 2015	1.0 % to 20.0 %



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5135 Page No. : 13 / 65
Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
117	CHEMICAL- PAINTS & SURFACE COATING	Paints, Varnishes and Related Products	Zinc Oxide	IS 104 By titramety: 2017	1.0 % to 20.0 %
118	CHEMICAL- RESIDUES IN WATER	Drinking water	PAH	APHA 23rd Edn. 6440: 2017	0.01 µg/l to 0.15 µg/l
119	CHEMICAL- RESIDUES IN WATER	Drinking water, Packaged natural mineral water and Packaged drinking water (Other than packaged natural mineral water)	Aluminium as Al	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B: 2004	0.01 mg/l to 10 mg/l
120	CHEMICAL- RESIDUES IN WATER	Drinking water, Packaged natural mineral water and Packaged drinking water (Other than packaged natural mineral water)	Antimony as Sb	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B: 2004	0.002 mg/l to 10 mg/l
121	CHEMICAL- RESIDUES IN WATER	Drinking water, Packaged natural mineral water and Packaged drinking water (Other than packaged natural mineral water)	Barium as Ba	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B : 2004	0.01 mg/l to 10 mg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 14 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
122	CHEMICAL-RESIDUES IN WATER	Drinking water, Packaged natural mineral water and Packaged drinking water (Other than packaged natural mineral water)	Borates as B	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B : 2004	0.05 mg/l to 10 mg/l
123	CHEMICAL-RESIDUES IN WATER	Drinking water, Packaged natural mineral water and Packaged drinking water (Other than packaged natural mineral water)	Boron as B	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B : 2004	0.05 mg/l to 10 mg/l
124	CHEMICAL-RESIDUES IN WATER	Drinking water, Packaged natural mineral water and Packaged drinking water (Other than packaged natural mineral water)	Cadmium as Cd	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B : 2004	0.001 mg/l to 10 mg/l
125	CHEMICAL-RESIDUES IN WATER	Drinking water, Packaged natural mineral water and Packaged drinking water (Other than packaged natural mineral water)	calcium as Ca	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B: 2004	1 to 100



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5135 Page No. : 15 / 65
Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
126	CHEMICAL-RESIDUES IN WATER	Drinking water, Packaged natural mineral water and Packaged drinking water (Other than packaged natural mineral water)	Copper as Cu	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B: 2004	0.01 mg/l to 10 mg/l
127	CHEMICAL-RESIDUES IN WATER	Drinking water, Packaged natural mineral water and Packaged drinking water (Other than packaged natural mineral water)	Iron as Fe	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B: 2004	0.01 mg/l to 10 mg/l
128	CHEMICAL-RESIDUES IN WATER	Drinking water, Packaged natural mineral water and Packaged drinking water (Other than packaged natural mineral water)	Lead as Pb	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B: 2004	0.005 mg/l to 10 mg/l
129	CHEMICAL-RESIDUES IN WATER	Drinking water, Packaged natural mineral water and Packaged drinking water (Other than packaged natural mineral water)	Magnesium as Mg	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B: 2004	1 mg/l to 100 mg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5135 Page No. : 16 / 65
Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
130	CHEMICAL-RESIDUES IN WATER	Drinking water, Packaged natural mineral water and Packaged drinking water (Other than packaged natural mineral water)	Manganese as Mn	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B: 2004	0.01 mg/l to 10 mg/l
131	CHEMICAL-RESIDUES IN WATER	Drinking water, Packaged natural mineral water and Packaged drinking water (Other than packaged natural mineral water)	Mercury as Hg	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B: 2004	0.001 mg/l to 0.2 mg/l
132	CHEMICAL-RESIDUES IN WATER	Drinking water, Packaged natural mineral water and Packaged drinking water (Other than packaged natural mineral water)	Nickel as Ni	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B : 2004	0.005 mg/l to 10 mg/l
133	CHEMICAL-RESIDUES IN WATER	Drinking water, Packaged natural mineral water and Packaged drinking water (Other than packaged natural mineral water)	Selenium as Se	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B: 2004	0.05 mg/l to 10 mg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 17 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
134	CHEMICAL-RESIDUES IN WATER	Drinking water, Packaged natural mineral water and Packaged drinking water (Other than packaged natural mineral water)	Silver as Ag	IS 3025, Part 2 RA 2014 ICPOES, : 2004	0.005 mg/l to 10 mg/l
135	CHEMICAL-RESIDUES IN WATER	Drinking water, Packaged natural mineral water and Packaged drinking water (Other than packaged natural mineral water)	Sodium as Na	IS 3025 Part 2, RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B: 2004	1 mg/l to 200 mg/l
136	CHEMICAL-RESIDUES IN WATER	Drinking water, Packaged natural mineral water and Packaged drinking water (Other than packaged natural mineral water)	Total Arshanic as As	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B: 2004	0.005 mg/l to 10 mg/l
137	CHEMICAL-RESIDUES IN WATER	Drinking water, Packaged natural mineral water and Packaged drinking water (Other than packaged natural mineral water)	Total Chromium as Cr	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B: 2004	0.01 mg/l to 10 mg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 18 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
138	CHEMICAL-RESIDUES IN WATER	Drinking water, Packaged natural mineral water and Packaged drinking water (Other than packaged natural mineral water)	Zinc as Zn	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B: 2004	0.01 mg/l to 10 mg/l
139	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water)	PAH in Packaged drinking water	APHA 23rd Edn. 6440 by GC MSMS: 2017	0.01 µg/l to 0.15 µg/l
140	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	2, 4- D	USEPA 515.1: 1995	0.01 µg/l to 0.15 µg/l
141	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Alachlor	USEPA 525.2, 507: 1995	0.01 µg/l to 0.15 µg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 19 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
142	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Aldrin	USEPA 525.2: 1995	0.01 µg/l to 0.15 µg/l
143	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Alpha endosulphan	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
144	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Alpha HCH	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
145	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Atrazine	USEPA 525.2, 8141A: 1995	0.01 µg/l to 0.15 µg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5135 Page No. : 20 / 65
Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
146	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Beta endosulphan	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
147	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Beta HCH	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
148	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Butachlor	USEPA 525.2, 8141A: 1995	0.01 µg/l to 0.15 µg/l
149	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Chloropyriphos	USEPA 525.2: 1995	0.01 µg/l to 0.15 µg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5135 Page No. : 21 / 65
Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
150	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Delta HCH	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
151	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Dieldrin	USEPA 525.2: 1995	0.01 µg/l to 0.15 µg/l
152	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Endosulfon Sulfate	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
153	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Ethion	USEPA 1657A: 2000	0.01 µg/l to 0.15 µg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 22 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
154	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Gama BHC (Lindane)	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
155	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Isoproturon	USEPA 532: 2000	0.01 µg/l to 10 µg/l
156	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Isoproturon	Internal method developed by MSME TC by GC MSMS: 2017	0.01 µg/l to 0.15 µg/l
157	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Malaoxon	USEPA 8141A: 1994	0.01 µg/l to 0.15 µg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 23 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
158	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Malathion	USEPA 8141A: 1994	0.01 µg/l to 0.15 µg/l
159	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Monocrotophos	USEPA 8141A: 1994	0.01 µg/l to 0.15 µg/l
160	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	O,P-DDD	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
161	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	O,P-DDE	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5135 Page No. : 24 / 65
Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
162	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	O,P-DDT	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
163	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	P,P DDT	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
164	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	P,P-DDD	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
165	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	P,P-DDE	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5135 Page No. : 25 / 65
Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
166	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Paraoxon methyl	USEPA 8141A: 1994	0.01 µg/l to 0.15 µg/l
167	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Parathion methyl	USEPA 8141A: 1994	0.01 µg/l to 0.15 µg/l
168	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	PCB	IS 13428 annex M , APHA 6440 by GC MSMS,: 2016	0.01 µg/l to 0.15 µg/l
169	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Phenol	IS 3025 part 43 (RA 2014) APHA 23rd edn. 2017-5530BC: 1992	0.01 mg/l to 1 mg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 26 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
170	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Phorate	USEPA 8141A: 1994	0.01 µg/l to 0.15 µg/l
171	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Phorate Sulfone	USEPA 8141A: 1994	0.01 µg/l to 0.15 µg/l
172	CHEMICAL-RESIDUES IN WATER	Packaged drinking water (other than packaged natural mineral water), Packaged natural mineral water and Drinking water	Phorate Sulfoxide	USEPA 8141A: 1994	0.01 µg/l to 0.15 µg/l
173	CHEMICAL-RESIDUES IN WATER	Packaged natural mineral water	PAH in Packaged natural mineral water	APHA 23 rd Edn. 6440 by GCMSMS: 2017	0.01 µg/l to 0.15 µg/l
174	CHEMICAL-RESIDUES IN WATER	Packaged natural mineral water	PCB in Packaged natural mineral water	IS 13428 annex M , APHA 6440 by GC MSMS,: 2014	0.01 µg/l to 0.15 µg/l
175	CHEMICAL-RESIDUES IN WATER	Quality tolerance for water for processed food industry	Phenolic compounds as (C ₆ H ₅ OH)	IS 3025 Part 43, RA 2014, APHa 23rd edn. 5530 BC: 1992	0.001 mg/l to 1 mg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 27 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
176	CHEMICAL-RESIDUES IN WATER	Quality tolerance for water for processed food industry.	Copper as Cu	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B : 2004	0.01 mg/l to 10 mg/l
177	CHEMICAL-RESIDUES IN WATER	Quality tolerance for water for processed food industry.	Iron as Fe	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B : 2004	0.01 mg/l to 10 mg/l
178	CHEMICAL-RESIDUES IN WATER	Quality tolerance for water for processed food industry.	Lead as Pb	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B : 2004	0.005 mg/l to 10 mg/l
179	CHEMICAL-RESIDUES IN WATER	Quality tolerance for water for processed food industry.	Magnesium as Mg	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B : 2004	1 mg/l to 100 mg/l
180	CHEMICAL-RESIDUES IN WATER	Quality tolerance for water for processed food industry.	Manganese as Mn	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B: 2004	0.01 mg/l to 10 mg/l
181	CHEMICAL-RESIDUES IN WATER	Quality tolerance for water for processed food industry.	Selenium as Se	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B: 2004	0.005 mg/l to 10 mg/l
182	CHEMICAL-RESIDUES IN WATER	Quality tolerance for water for processed food industry.	Total Arsenic as As	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B : 2004	0.005 mg/l to 10 mg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 28 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
183	CHEMICAL-RESIDUES IN WATER	Quality tolerance for water for processed food industry.	Total Chromium as Cr	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B: 2004	0.01 mg/l to 10 mg/l
184	CHEMICAL-RESIDUES IN WATER	Quality tolerance for water for processed food industry.	Zinc as Zn	IS 3025, Part 2 RA 2014 ICPOES, APHA 23rd Edn. 2017-3120B: 2004	0.01 mg/l to 10 mg/l
185	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Turbidity	IS 3025 Part 10 (RA 2017) APHA 23rd Edn. 2017-2160 C Turbidity meter: 1984	0.5 NTU to 100 NTU
186	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Manganese as Mn	IS 3025 part 2 (RA 2014) ICP OES APHA 23rd Edn. 2017-3120 B: 2004	0.01 mg/l to 10 mg/l
187	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Nitrate as NO ₃	APHA 23rd edn. 2017-4500 NO ₃ -B Ion chromatography: 2017	0.005 mg/l to 1 mg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 29 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
188	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Alkalinity as HCO ₃	IS 3025 Part 23 with Amd No. 1 & 2 (RA 2014) by titrimetry: 1986	1 mg/l to 500 mg/l
189	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Aluminium as Al	IS 3025 part 2 (RA 2014) ICP OES APHA 23rd Edn. 2017-3120 B: 2004	0.01 mg/l to 10 mg/l
190	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Calcium as Ca	IS 3025 Part 2 (RA 2014) ICP OES, APHA 23rd Edn. 2017-3120 B: 2004	1 mg/l to 100 mg/l
191	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Chloride as Cl	IS 3025 part 32 (RA 2014) Titrimetry: 1988	1 mg/l to 200 mg/l
192	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Chloride as Cl	APHA 23rd Edn. 2017-4110 Cl B ion chromatography: 2017	0.01 mg/l to 1 mg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 30 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
193	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Fluoride as F	IS 3025 part 60 (RA 2013) APHA 23rd Edn. 2017-4110 F-B,D Ion Chromatography: 2008	0.005 mg/l to 1 mg/l
194	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Magnesium as Mg	IS 3025 part 2 (RA 2014) ICP OES, APHA 23rd Edn. 2017-3120 B: 2004	1 mg/l to 100 mg/l
195	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Nitrite as NO ₂	IS 3025 part 34 (RA 2014) Titratmetry: 1988	1 mg/l to 100 mg/l
196	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Nitrite as NO ₂	APHA 23rd Edn. 2017-4110 No ₂ -B Ion Chromatography: 2017	0.005 mg/l to 1 mg/l
197	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Phenolic compounds as C ₆ H ₅ OH	IS 3025 part 43 (RA 2014) APHA 23rd edn. 5530 BC: 1992	0.01 mg/l to 1 mg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 31 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
198	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Residual free chlorine	IS 3025 part 26 (RA 2014) APHA 23rd Edn. 2017-4500 CI -B: 1986	0.1 mg/l to 10 mg/l
199	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Selenium as Se	IS 3025 part 2 (RA 2014) ICP OES, APHA 23rd Edn. 2017-3120 B: 2004	0.005 mg/l to 10 mg/l
200	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Silver as Ag	IS 3025 Part 2 (RA 2014) ICP OES: 2004	0.005 mg/l to 10 mg/l
201	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Sodium as Na	IS 3025 part 2 (RA 2014) ICP OES APHA 23rd Edn 3120 B: 2004	1 mg/l to 200 mg/l
202	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Sulphate as SO ₄	APHA 23rd Edn. 2017-4500 SO ₄ B by Ion Chromatography: 2017	0.01 mg/l to 1 mg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 32 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
203	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Sulphate as SO ₄	IS 3025 part 24 (RA 2014) by gravimetric: 1986	1 mg/l to 200 mg/l
204	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Total alkalinity as CaCO ₃	IS 3025 part 23 with Amd no. 1&2 (RA 2014) by titrimetry APHA 23rd Edn. 2017-2320 B: 1986	1 mg/l to 500 mg/l
205	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Zinc as Zn	IS 3025 part 2(RA 2014) ICP OES APHA 23rd EDN. 2017-3120 B: 2004	0.01 mg/l to 10 mg/l
206	CHEMICAL- WATER	Drinking Water	2,4-D	USEPA 515.1, : 1995	0.01 µg/l to 0.15 µg/l
207	CHEMICAL- WATER	Drinking Water	Alachlor	USEPA 525.2, 507: 1995	0.01 µg/l to 0.150 µg/l
208	CHEMICAL- WATER	Drinking Water	Aldrin	USEPA 525;2: 1995	0.01 µg/l to 0.15 µg/l
209	CHEMICAL- WATER	Drinking Water	Alkalinity as HCO ₃	IS 3025 Part 23 with Amd No. 1 & 2 (RA 2014) by titrimetry: 1986	1.0 mg/l to 500 mg/l
210	CHEMICAL- WATER	Drinking Water	Alpha Endosulphan	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
211	CHEMICAL- WATER	Drinking Water	Alpha HCH	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 33 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
212	CHEMICAL- WATER	Drinking Water	Aluminium as Al	IS 3025 part 2 (RA 2014) ICP OES APHA 23rd Edn. 2017-3120 B: 2004	0.01 mg/l to 10.0 mg/l
213	CHEMICAL- WATER	Drinking water	Ammonia (as total ammonia)	IS 3025 part 34 (RA 2014) by titrimetry : 1988	5 mg/l to 10 mg/l
214	CHEMICAL- WATER	Drinking Water	Anionic surface active agent as MBAS	IS 13428-2005 (RA 2014) Annex K, APHA 23rd edn. 2017-5540 B,C by uv-vis spectro: 2005	0.01 mg/l to 1 mg/l
215	CHEMICAL- WATER	Drinking Water	Antimony as Sb	IS 3025 part 2 (RA 2014) by ICP-OES, APHA 23rd Edn 2017-3120 B: 2004	0.002 mg/l to 10.0 mg/l
216	CHEMICAL- WATER	Drinking Water	Atrazine	USEPA 525.2, 8141A: 1995	0.01 µg/l to 0.15 µg/l
217	CHEMICAL- WATER	Drinking water	Barium as Ba	IS 3025 part 2(RA 2014) ICPOES APHA 23rd Edn. 2017-3120 B: 2004	0.01 mg/l to 0.15 mg/l
218	CHEMICAL- WATER	Drinking Water	Beta Endosulphan	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
219	CHEMICAL- WATER	Drinking Water	Beta HCH	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
220	CHEMICAL- WATER	Drinking Water	Borates as B	IS 3025 part 2(RA 2014)by ICPOES, APAA 23rd Edn. 2017-3120 B: 2004	0.05 mg/l to 10.0 mg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 34 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
221	CHEMICAL- WATER	Drinking Water	Boron as B	IS 3025 part 2 (RA 2014) by ICPOES, APHA 23rd edn. 2017-3120 B: 2004	0.05 mg/l to 10.0 mg/l
222	CHEMICAL- WATER	Drinking water	Bromates as BrO ₃	ISO 15061:2001 by IC, APHA 23rd Edn. 2017-4110B: 2001	0.005 mg/l to 0.02 mg/l
223	CHEMICAL- WATER	Drinking Water	Butachlor	USEPA 525.2, 8141A: 1995	0.01 µg/l to 0.15 µg/l
224	CHEMICAL- WATER	Drinking Water	Cadmium as Cd	IS 3025 part 2 (RA 2014) by ICP OES 23rd Edn. 2017-3120 B: 2004	0.001 mg/l to 10.0 mg/l
225	CHEMICAL- WATER	Drinking Water	Chloride as Cl	is 3025 part 32 (RA 2014): 1988	1.0 mg/l to 200 mg/l
226	CHEMICAL- WATER	Drinking Water	Chloride as Cl	APHA 23rd Edn. 4110 Cl B ion chromatography: 2017	0.01 mg/l to 1.0 mg/l
227	CHEMICAL- WATER	Drinking Water	Chloropyriphos	USEPA 525.2: 1995	0.01 µg/l to 0.15 µg/l
228	CHEMICAL- WATER	Drinking water	Colour	IS 3025 Part 4 (RA 2017)APHA 23rd edn. 2017-2120 B by visual : 1983	1 Hazen to 10 Hazen
229	CHEMICAL- WATER	Drinking water	Copper as Cu	IS 3025 part 2 (RA 2014) ICP OES APHA 23rd Edn. 2017-3120 B: 2004	0.01 mg/l to 10 mg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 35 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
230	CHEMICAL- WATER	Drinking water	Cyanide as CN	IS 3025 part 27 (RA 2014) by Ion selective method, APHA 23rd edn. 2017-4500 CN-C,F: 1986	0.01 mg/l to 10 mg/l
231	CHEMICAL- WATER	Drinking Water	Delta HCH	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
232	CHEMICAL- WATER	Drinking Water	Dieldrin	USEPA 525.2: 1995	0.01 µg/l to 0.15 µg/l
233	CHEMICAL- WATER	Drinking Water	Endosulfan Sulfate	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
234	CHEMICAL- WATER	Drinking Water	Ethion	USEPA 1657A: 2000	0.01 µg/l to 0.15 µg/l
235	CHEMICAL- WATER	Drinking Water	Fluoride as F	IS 3025 part 60 (RA 2013) APHA 23rd Edn. 2017-4110 F-B,D Ion Chromatography: 2008	0.005 mg/l to 1.0 mg/l
236	CHEMICAL- WATER	Drinking water	Gamma BHC (Lindane)	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
237	CHEMICAL- WATER	Drinking water	Iron as Fe	IS 3025 part 2 (RA 2014) ICPOES APHA 213rd edn. 2017-3120B: 2004	0.01 mg/l to 10 mg/l
238	CHEMICAL- WATER	Drinking water	Isoproturon	USEPA 532: 2000	0.01 µg/l to 10 µg/l
239	CHEMICAL- WATER	Drinking water	Isoproturon	Internal method develop by MSMETC, Chennai: 2017	0.01 µg/l to 0.15 µg/l
240	CHEMICAL- WATER	Drinking water	Lead as Pb	IS 3025 part 2 (RA 2014) by ICPOES, APHA 23rd edn. 3120B: 2004	0.005 mg/l to 10 mg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 36 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
241	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025 part 2 (RA 2014) ICP OES, APHA 23rd Edn. 2017-3120 B: 2004	1.0 mg/l to 100.0 mg/l
242	CHEMICAL- WATER	Drinking Water	Malaoxon	USEPA 8141A: 1994	0.01 µg/l to 0.15 µg/l
243	CHEMICAL- WATER	Drinking water	Malathion	USEPA 8141A: 1994	0.01 µg/l to 0.15 µg/l
244	CHEMICAL- WATER	Drinking Water	Manganese as Mn	IS 3025 part 2 (RA 2014) ICP OES APHA 23rd Edn. 2017-3120 B: 2004	0.01 mg/l to 10.0 mg/l
245	CHEMICAL- WATER	Drinking Water	Mercury as Hg	IS 3025 part 2 (RA 2014) by ICPOES, APHA 23rd Edn. – 2017-3120 B: 2004	0.001 mg/l to 0.20 mg/l
246	CHEMICAL- WATER	Drinking Water	Mineral oil	IS 3025 part 39 (RA 2014) with amd no. 1 & 2 by FTIR : 1991	0.10 mg/l to 10.0 mg/l
247	CHEMICAL- WATER	Drinking Water	Monocrotophos	USEPA 8141A: 1994	0.01 µg/l to 0.15 µg/l
248	CHEMICAL- WATER	Drinking water	Nickel as Ni	IS 3025 Part 2 (RA 2014) by ICPOES, Edn. 2017-3120 B: 2004	0.01 mg/l to 0.15 mg/l
249	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	APHA 23rd edn. 2017-4500 NO3-B Ion chromatography:: 2017	0.005 mg/l to 1.0 mg/l
250	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	IS 3025 Part 34 (RA 2014) Titrimetry: 1988	1.0 mg/l to 100 mg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 37 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
251	CHEMICAL- WATER	Drinking Water	Nitrite as NO ₂	IS 3025 Part 34 (RA 2014) Titrimetry: 1988	1.0 mg/l to 100 mg/l
252	CHEMICAL- WATER	Drinking water	Nitrite as NO ₂	APHA 23rd edn. 2017-4110 IC : 2017	0.005 mg/l to 1 mg/l
253	CHEMICAL- WATER	Drinking water	O,P DDD	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
254	CHEMICAL- WATER	Drinking water	O,P DDE	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
255	CHEMICAL- WATER	Drinking water	O,P-DDT	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
256	CHEMICAL- WATER	Drinking water	Odour	IS 3025 part 5 (RA 2017) APHA 23rd edn 2017-2160 C physical: 1983	Qualitative
257	CHEMICAL- WATER	Drinking water	P,P DDE	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
258	CHEMICAL- WATER	Drinking water	P,P DDT	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
259	CHEMICAL- WATER	Drinking water	Paraoxon Methyl	USEPA 8141A: 1994	0.01 µg/l to 0.15 µg/l
260	CHEMICAL- WATER	Drinking water	Parathion methyl	USEPA 8141A: 1994	0.01 µg/l to 0.15 µg/l
261	CHEMICAL- WATER	Drinking water	pH	IS 3025 Part 11 (RA 2017): 1983	1 to 10
262	CHEMICAL- WATER	Drinking Water	Phenolic compounds as C ₆ H ₅ OH	IS 3025 part 43 (RA 2014) APHA 23rd edn. 2017-5530 BC: : 1992	0.01 mg/l to 1.0 mg/l
263	CHEMICAL- WATER	Drinking water	Phorate	USEPA 8141A: 1994	0.01 µg/l to 0.15 µg/l
264	CHEMICAL- WATER	Drinking Water	Phorate Sulfone	USEPA 8141A: 1994	0.01 µg/l to 0.15 µg/l
265	CHEMICAL- WATER	Drinking water	Phorate Sulfoxide	USEPA 8141A: 1994	0.01 µg/l to 0.15 µg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 38 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
266	CHEMICAL- WATER	Drinking Water	Poly Chlorinated Biphenyl (PCB)	IS 13428 2005 (RA 2014) Annex M, APHA 6440 by GCMSMS: 2005	0.01 µg/l to 0.15 µg/l
267	CHEMICAL- WATER	Drinking Water	Polynuclear Aromatic Hydrocarbons (PAH)	APHA 23rd Edn. 6440 by GCMSMS: 2017	0.01 µg/l to 0.15 µg/l
268	CHEMICAL- WATER	Drinking water	PP-DDD	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
269	CHEMICAL- WATER	Drinking Water	Residual free chlorine	IS 3025 part 26 (RA 2014) APHA 23rd Edn. 2017-4500 Cl -B: 1986	0.10 mg/l to 10.0 mg/l
270	CHEMICAL- WATER	Drinking Water	Selenium as Se	IS 3025 part 2 (RA 2014) ICP OES, APHA 23rd Edn. 2017-3120 B: 2004	0.005 mg/l to 10.0 mg/l
271	CHEMICAL- WATER	Drinking Water	Silver as Ag	IS 3025 Part 2 (RA 2014) ICP OES: : 2004	0.005 mg/l to 10.0 mg/l
272	CHEMICAL- WATER	Drinking Water	Sodium as Na	IS 3025 part 2 (RA 2014) ICP OES APHA 23rd Edn 2017-3120 B: 2004	1.0 mg/l to 200.0 mg/l
273	CHEMICAL- WATER	Drinking Water	Sulphate as SO ₄	IS 3025 part 24 (RA 2014) by Gravimetric: 1986	1.0 mg/l to 200.0 mg/l
274	CHEMICAL- WATER	Drinking Water	Sulphate as SO ₄	APHA 23rd Edn. - 4500 SO ₄ B by Ion Chromatography: 2017	0.01 mg/l to 1.0 mg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 39 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
275	CHEMICAL- WATER	Drinking Water	Sulphide as H ₂ S	IS 3025 part 29 (RA 2014) APHA 23rd Edn. 2017-4500 S- by UV-Vis spectro: : 1986	0.02 mg/l to 1.0
276	CHEMICAL- WATER	Drinking water	Taste	IS 3025 part 8 (RA 2017) APHA 23rd edn. 2017-2160 physical: 1984	Qualitative
277	CHEMICAL- WATER	Drinking water	TDS	IS 3025 part 16 (RA 2017) APHA 23rd edn. 2017-2540 C by gravimetry: 1984	60 mg/l to 1000 mg/l
278	CHEMICAL- WATER	Drinking Water	Total alkalinity as CaCO ₃	IS 3025 part 23 with Amd no. 1&2 (RA 2014) by Titrimetry APHA 23rd Edn. 2017-2320 B: 1986	1.0 mg/l to 500 mg/l
279	CHEMICAL- WATER	Drinking water	Total Arsenic as As	IS 3025 part 2 (RA 2014) by ICP OES, APHA 23rd Edn. 2017-3120 B-: 2004	0.005 mg/l to 10 mg/l
280	CHEMICAL- WATER	Drinking water	Total Chromium as Cr	IS 3025 Part 2 (RA 2014) by ICPOES , APHA 23rd Edn. 2017-3120 B: 2004	0.01 mg/l to 10 mg/l
281	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025 Part 21 with amd No.1 (RA 2017) Titrimetry: 2009	5.0 mg/l to 600.0 mg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 40 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
282	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 Part 10 (RA 2017) APHA 23rd Edn. 2017-2160 C Turbidity meter: 1984	0.50 NTU to 100.0 NTU
283	CHEMICAL- WATER	Drinking Water	Zinc as Zn	IS 3025 part 2(RA 2014) ICP OES APHA 23rd Edn. 2017-3120 B: 2004	0.01 mg/l to 10 mg/l
284	CHEMICAL- WATER	package drinking water (other than packaged natural mineral water) & Packaged natural mineral water	Isoproturon	MSMETC method develop: 2017	0.01 microgram/l to 0.15 microgram/l
285	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Barium as Ba	IS 3025 part 2 (RA 2014) (ICP OES) APHA 23rd Edn. 2017-3120 B: 2004	0.01 mg/l to 10 mg/l
286	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Colour	IS 3025 Part 4 (RA 2017) APHA 23 rd edn. 2017-2120 B by visual: 1983	1 Hazen to 10 Hazen
287	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Copper as Cu	IS 3025 Part 2 (RA 2014) ICP OES APHA 23rd Edn. 2017-3120 B: 2004	0.01 mg/l to 10 mg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 41 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
288	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Iron as Fe	IS 3025 Part 2 (RA 2014) ICP OES APHA 23rd Edn. 2017-3120B: 2004	0.01 mg/l to 10 mg/l
289	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Nitrate as NO ₃	IS 3025 part 34 (RA 2014) titration method: 1988	1 mg/l to 100 mg/l
290	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Odour	IS 3025 Part 5 (RA 2017) APHA 23rd Edn 2017-2160 C Physical: 1983	Qualitative
291	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	pH	IS 3025 Part 11 (RA 2017): 1983	1 unit less to 10 unit less
292	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Taste	IS 3025 Part 8 (RA 2017) APHA 23rd Edn. 2017-2160 C Physical: 1984	Qualitative



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 42 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
293	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Total dissolve solids	IS 3025 Part 16 (RA 2017) APHA 23rd edn. 2017-2540C by gravimetry: 1984	10 mg/l to 1000 mg/l
294	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	2,4-D	USEPA 515.1: 1995	0.01 microgram/l to 0.15 microgram/l
295	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Alachlor	USEPA 525.2, 507: 1995	0.01 microgram/l to 0.15 microgram/l
296	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Aldrin	USEPA 525.2: 1995	0.01 microgram/l to 0.15 microgram/l
297	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Alpha Endosulfan	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 43 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
298	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Alpha HCH	USEPA 508: 1995	0.01 microgram/l to 0.15 microgram/l
299	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Atrazine	USEPA 525.2, 8141A: 1995	0.01 microgram/l to 0.15 microgram/l
300	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Beta Endosulfan	USEPA 508: 1995	0.01 microgram/l to 0.15 microgram/l
301	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Beta HCH	USEPA 508: 1995	0.01 microgram/l to 0.15 microgram/l
302	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Butachlor	USEPA 525.2, 8141A: 1995	0.01 microgram/l to 0.15 microgram/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 44 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
303	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Chlorpyrifos	USEPA 525.2: 1995	0.01 microgram/l to 0.15 microgram/l
304	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Delta HCH	USEPA 508: 1995	0.01 microgram/l to 0.15 microgram/l
305	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Dieldrin	USEPA 525.2: 1995	0.01 microgram/l to 0.15 microgram/l
306	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Endosulfan sulfate	USEPA 508: 1995	0.01 to 0.15
307	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Ethion	USEPA 1657A: 2000	0.01 µg/l to 0.15 µg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 45 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
308	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Gamma BHC (Lindane)	USEPA 508: 1995	0.01 microgram/l to 0.15 microgram/l
309	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Isoproturon	USEPA 532: 2000	0.01 µg/l to 10 µg/l
310	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Malaoxon	USEPA 8141A: 1994	0.01 microgram/l to 0.15 microgram/l
311	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Malathion	USEPA 8141A: 1994	0.01 microgram/l to 0.15 microgram/l
312	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Monocrotophos	USEPA 8141A: 1994	0.01 microgram/l to 0.15 microgram/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 46 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
313	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	O,P- DDD	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
314	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	O,P DDE	USEPA 508: 1995	0.01 microgram/l to 0.15 microgram/l
315	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	O,P-DDT	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l
316	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	P,P DDE	USEPA 508: 1995	0.01 microgram/l to 0.15 microgram/l
317	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	P,P DDT	USEPA 508: 1995	0.01 to 0.15



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5135 Page No. : 47 / 65
Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
318	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Paraoxon methyl	USEPA 8141A: 1994	0.01 microgram/l to 0.15 microgram/l
319	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Phorate	USEPA 8141A: 1994	0.01 microgram/l to 0.15 microgram/l
320	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Phorate sulfone	USEPA 8141A: 1994	0.01 µg/l to 0.15 µg/l
321	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Phorate Sulfoxide	USEPA 8141A: 1994	0.01 µg/l to 0.15 µg/l
322	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	PP-DDD	USEPA 508: 1995	0.01 µg/l to 0.15 µg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 48 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
323	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Ammonia (as total ammonia)	IS 3025 part 34 (RA 2014) by titrimetry: 1988	5 mg/l to 10 mg/l
324	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Bromates as BrO ₃	ISO 15061:2001 by IC, APHA 23rd Edn. 2017-4110B: 2001	0.005 mg/l to 0.02 mg/l
325	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Cyanide as CN	IS 3025 part 27 (RA 2014) by Ion selective method, APHA 23rd edn.2017-4500 CN-C,F: 1986	0.01 mg/l to 10 mg/l
326	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Lead as Pb	IS 3025 part 2 (RA 2014) by ICPOES, APHA 23rd edn 3120 B: 2004	0.005 to 10
327	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Nickel as Ni	IS 3025 part 2 (RA 2014) by ICPOES, Edn. 2017-3120 B: 2004	0.005 mg/l to 10 mg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 49 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
328	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Total Arsenic as As	IS 3025 part 2 (RA 2014) by ICP OES, APHA 23 rd Edn. 2017-3120 B: 2004	0.005 mg/l to 10 mg/l
329	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Total Chromium as Cr	IS 3025 Part 2 (RA 2014) by ICPOES APHA 23rd Edn. 2017-3120 B: 2004	0.01 mg/l to 10 mg/l
330	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Anionic surface active agent as MBAS	IS 13428-2005 (RA 2014) Annex K, APHA 23rd edn. 2017-5540 B,C by uv-vis spectro: 2005	0.01 mg/l to 1 mg/l
331	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Antimony as Sb	IS 3025 part 2 (RA 2014) by ICP-OES, APHa 23rd Edn-3120 B: 2004	0.002 mg/l to 10 mg/l
332	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Borates as B	IS 3025 part 2(RA 2014)by ICPOES, APHa 23rd Edn. 3120 B: 2004	0.05 mg/l to 10 mg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5135 Page No. : 50 / 65

Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
333	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Boron as B	IS 3025 part 2 (RA 2014) by ICPOES, APHA 23rd edn. 2017-3120 B: 2004	0.05 mg/l to 10 mg/l
334	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Cadmium as Cd	IS 3025 part 2 (RA 2014) by ICP OES Edn. 2017-3120 B: 2004	0.001 mg/l to 10 mg/l
335	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Isoproturon	Method develop by GCMSMS at MSME TC chennai: 2017	0.01 µg/l to 0.15 µg/l
336	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Mercury as Hg	IS 3025 part 2 (RA 2014) by ICPOES, APHA 23rd Edn. -3120 B: 2004	0.001 mg/l to 0.2 mg/l
337	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Mineral oil	IS 3025 part 39 (RA 2014) with amd no. 1 & 2 by FTIR APHA 23rd edn. 2017-5520 O & G-B: 1991	0.1 mg/l to 10 mg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 51 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
338	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Poly chlorinated biphenyl (PCB)	IS 13428 2005 (RA 2014) Annex M, APHA 6440 by GCMSMS: 2005	0.01 microgram/l to 0.15 microgram/l
339	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Polynuclear aromatic hydrocarbons (PAH)	APHA 23rd edn. 2017 6440 by GCMSMS: 2017	0.01 microgram/l to 0.15 microgram/l
340	CHEMICAL- WATER	Packaged Drinking Water (Other than Packaged Natural Mineral Water) & Packaged Natural Mineral Water	Sulfide as H ₂ S	IS 3025 part 29 (RA 2014) APHA 23rd Edn. 2017-4500 S by UV-VIS spectro: 1986	0.02 mg/l to 1 mg/l
341	CHEMICAL- WATER	Quality tolerances for water for process food industry	Color	IS 3025 part 4 (RA 2006) APHA 23rd Edn. 2017-2120 B by Visual: 1983	1 Hazen to 20 Hazen
342	CHEMICAL- WATER	Quality tolerances for water for processed food industry	Chloride as Cl	IS 3025 part 32 (RA 2009) by titration: 1988	1 mg/l to 200 mg/l
343	CHEMICAL- WATER	Quality tolerances for water for processed food industry	Copper as Cu	IS 3025 part 2 (RA 2009) by ICP OES AHA 23rd edn. 2017-3120 B: 2004	0.01 mg/l to 10 mg/l



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 52 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
344	CHEMICAL- WATER	Quality tolerances for water for processed food industry	Cyanide as CN	IS 3025 part 27 (RA 2014) by Ion selective method: 1986	0.01 mg/l to 10 mg/l
345	CHEMICAL- WATER	Quality tolerances for water for processed food industry	Fluoride as F	APHA 23rd edn. 2017-4110B, F by IC: 2017	0.005 mg/l to 1.5 mg/l
346	CHEMICAL- WATER	Quality tolerances for water for processed food industry	Iron as Fe	IS 3025 part 2 (RA 2009) by ICPOES APHA 23rd edn. 2017-3120B: 2004	0.01 mg/l to 10 mg/l
347	CHEMICAL- WATER	Quality tolerances for water for processed food industry	Lead as Pb	IS 3025 part 2 (RA 2014) by ICPOES, APHA 23rd edn. 3120 B: 2004	0.005 mg/l to 10 mg/l
348	CHEMICAL- WATER	Quality tolerances for water for processed food industry	Magnesium as Mg	IS 3025 part 2 (RA2014) ICPOES, APHA 23rd Edn. 2017-3120 B : 2004	1 mg/l to 100 mg/l
349	CHEMICAL- WATER	Quality tolerances for water for processed food industry	Manganese as Mn	IS 3025 part 2(RA 2009) by ICPOES, APHA 23rd edn. 2017-3120 B: 2004	0.01 mg/l to 10 mg/l
350	CHEMICAL- WATER	Quality tolerances for water for processed food industry	Nitrite as NO ₂ titration method	IS 3025 part 34 (RA 2009): 1988	1 mg/l to 100 mg/l
351	CHEMICAL- WATER	Quality tolerances for water for processed food industry	Odour physically	IS 3025 part 5 (RA 2006) APHA 23rd edn. 2017-2150 B: 1983	Qualitative



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 53 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
352	CHEMICAL- WATER	Quality tolerances for water for processed food industry	pH	IS 3025 part 11 by pH meter: 1984	1 to 10
353	CHEMICAL- WATER	Quality tolerances for water for processed food industry	Phenolic compound as C6H5OH	IS 3025 part 43 (RA 2014) APHA 23rd edn. 5530BC: 1992	0.001 mg/l to 1 mg/l
354	CHEMICAL- WATER	Quality tolerances for water for processed food industry	Selenium as Se	IS 3025 part 2 (RA 2009) by ICPOES, APHA 23rd redn. 2017-3120B and 3114C: 2004	0.005 mg/l to 10 mg/l
355	CHEMICAL- WATER	Quality tolerances for water for processed food industry	Sulphate as SO ₄	IS3025 Part 24 (RA 2014) by Gravimetric: 1986	1 mg/l to 200 mg/l
356	CHEMICAL- WATER	Quality tolerances for water for processed food industry	Total Arsenic as As	IS 3025 part 2 (RA 2014) by ICPOES, APHA 23rd edn. 2017-3120B and 3114C: 2004	0.005 mg/l to 10 mg/l
357	CHEMICAL- WATER	Quality tolerances for water for processed food industry	Total Chromium as Cr	IS 3025 part 2 (RA 2014) by ICPOES edn. 2017-3120 B : 2004	0.01 mg/l to 10 mg/l
358	CHEMICAL- WATER	Quality tolerances for water for processed food industry	Total hardness	IS 3025 part 21 with amd no. 1 (RA 2017) titration: 1983	5 mg/l to 600 mg/l
359	CHEMICAL- WATER	Quality tolerances for water for processed food industry	Turbidity	IS 3025 part 10 (RA 2006)APHA 23rd edn. 2017-2130 by turbidity meter: 1984	0.5 ntu to 10 ntu



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 54 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
360	CHEMICAL- WATER	Quality tolerances for water for processed food industry	Zinc as Zn	IS3025 part 2 (RA 2009) by ICPOES, APHA 23rd edn. 2017-3120B: 2004	0.01 mg/l to 10 mg/l
361	ELECTRICAL-	Aluminium Conductor, Galvanized Steel Reinforced	Diameter of Individual Wire	IS 398 part 3:	1.01 mm to 5 mm
362	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium Alloy Standard Conductor	Measurement of Lay Ratio	IS 398 part 4: 1994	1.01 mm to 1000 mm, Lay Ratio: 1 to 96
363	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium Alloy Standard Conductor	Breaking Load of wire	IS 398 part 4: 1994	0.2 kN to 5 kN
364	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium Alloy Standard Conductor	Conductor Resistance	IS 398 part 4: 1994	10 micro ohm to 1000 ohm
365	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium Alloy Standard Conductor	Diameter of Individual Wire	IS 398 part 4: 1994	1.01 mm to 5 mm
366	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium Alloy Standard Conductor	Elongation	IS 398 part 4: 1994	0.5 % to 200 %, Load: 0.1 kN to 60 kN



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 55 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
367	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor, Galvanized Steel Reinforced	Breaking Load of wire	IS 398 part 2: 1996	0.2 kN to 20 kN
368	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor, Galvanized Steel Reinforced	Breaking Load of wire	IS 398 part 3: 1976	0.2 kN to 60 kN
369	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor, Galvanized Steel Reinforced	Conductor Resistance	IS 398 part 3: 1976	10 micro ohm to 1000 ohm
370	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor, Galvanized Steel Reinforced	Diameter of individual wire	IS 398 part 2: 1996	1.01 mm to 5 mm
371	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor, Galvanized Steel Reinforced	Elongation	IS 398 part 2: 1996	0.5 % to 200 %, Load: 0.1 kN to 60 kN
372	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor, Galvanized Steel Reinforced	Elongation	IS 398 part 3: 1976	0.5 % to 200 %, Load: 0.1 kN to 60 kN
373	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor, Galvanized Steel Reinforced	Measurement of Lay ratio	IS 398 part 2: 1986	1.01 mm to 1000 mm, Lay Ratio 1 to 96



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 56 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
374	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor, Galvanized Steel Reinforced	Measurement of Lay Ratio	IS 398 part 3: 1976	1.01 mm to 1000 mm, Lay Ratio: 1 to 96
375	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor, Galvanized Steel Reinforced	Resistance	IS 398 part 2: 1996	10 micro ohm to 1000 ohm
376	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor, Galvanized Steel Reinforced	Wrapping Test	IS 398 part 2: 1996	Qualitative
377	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor, Galvanized Steel Reinforced	Wrapping Test	IS 398 part 3: 1976	Qualitative
378	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Standard Conductor	Breaking Load of wire	IS 398 part 1: 1996	0.2 kN to 5 kN
379	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Standard Conductor	Conductor Resistance	IS 398 part 1: 1996	10 micro ohm to 1000 ohm
380	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Standard Conductor	Diameter of Individual wires	IS 398 part 1: 1996	1.01 mm to 5 mm



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 57 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
381	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium Standard Conductor	Lay Ratio	IS 398 part 1: 1996	1.01 mm to 1000 mm, Lay Ratio: 1 to 96
382	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium Standard Conductor	Wrapping test	IS 398 part 1: 1996	Qualitative
383	ELECTRICAL- TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium conductor, Galvanized steel reinforced	Galvanizing test Mass of Zinc coating uniformity	IS 6745: 1972	50 g/m ² to 2000 g/m ²
384	ELECTRICAL- TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod & Tapes for Conductor	Visual Examination	IS 2121 Part 3	Qualitative
385	ELECTRICAL- TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod, & Tapes For Conductor	Electrical Resistance	IS 2121 part 3: 1992	10 micro ohm to 1000 ohm
386	ELECTRICAL- TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod, & Tapes For Conductor	Slip Strength Test	IS 2121 part 3: 1992	2 kN to 100 kN
387	ELECTRICAL- TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod, & Tapes For Conductor	Verification of Dimension	IS 2121 part 3: 1992	0.2 mm to 10000 mm



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5135 Page No. : 58 / 65
Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
388	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod, & Tapes For Conductor	Wrapping Test	IS 2121 part 3: 1992	Qualitative
389	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod, Binding Wires, & Tapes for Conductor	Bend Test	IS 2121 part 1: 1981	Qualitative
390	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod, Binding Wires, & Tapes for Conductor	Electrical Resistance	2121 part 1: 1981	1 milliohm to 1000 ohm
391	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod, Binding Wires, & Tapes for Conductor	Resilience Test	IS 2121 part 1: 1981	Qualitative
392	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod, Binding Wires, & Tapes for Conductor	Slip Strength Test	IS 2121 part 1: 1981	2 kN to 100 kN
393	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod, Binding Wires, & Tapes for Conductor	Tensile Test	IS 2121 part 1: 1981	2 kN to 100 kN
394	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod, Binding Wires, & Tapes for Conductor	Verification of Dimension	IS 2121 part 1: 1981	0.2 mm to 10000 mm



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 59 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
395	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod, Binding Wires, & Tapes for Conductor	Visual Examination	IS 2121 Part 1: 1981	Qualitative
396	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod, Binding Wires, & Tapes for Conductor	Wrapping Test	IS 2121 part 1: 1981	Qualitative
397	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour rod, Binding wires, & Tapes for conductors	Galvanizing test Mass of Zinc coating	IS 6745: 1972	50 g/m ² to 2000 g/m ²
398	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Electric Power Connectors	Electrical Resistance Test	IS 5561: 2018	10 micro ohm to 1000 ohm
399	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Electric Power Connectors	Temperature Rise Test	IS 5561: 2018	20 A to 5000 A
400	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Electric Power Connectors	Tensile Test	IS 5561: 2018	2.0 kN to 100 kN
401	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Electric Power Connectors	Uniformity of Coating	IS 2633: 1986	Qualitative



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 60 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
402	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Electric Power Connectors	Verification of Dimension	IS 5561: 2018	0.2 mm to 600 mm
403	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal Fitting of Insulators of Overhead Power Lines With Nominal Voltage Greater Than 1000 V	Electrical Resistance Test	IS 2486 Part 1: 1993	10 micro ohm to 1000 ohm
404	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal Fitting of Insulators of Overhead Power Lines With Nominal Voltage Greater Than 1000 V	Freedom from defects	IS 2486 Pat 1: 1993	Qualitative(Visual)
405	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal Fitting of Insulators of Overhead Power Lines With Nominal Voltage Greater Than 1000 V	Freedom from defects	IS 2486 Part 1: 1993	Qualitative(Visual)
406	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fitting of insulators of overhead power lines with nominal voltage greater than 1000 V	Galvanizing test Mass of Zinc coating	IS 6745: 1972	50 g/m ² to 2000 g/m ²
407	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal Fitting of Insulators of Overhead Power Lines With Nominal Voltage Greater Than 1000 V	Heating Cycle Test	IS 2486 Part 1: 1993	100 A to 5000 A



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 61 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
408	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal Fitting of Insulators of Overhead Power Lines With Nominal Voltage Greater Than 1000 V	Mechanical Strength Test	IS 2486 part 1: 1993	0.2 kN to 100 kN
409	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal Fitting of Insulators of Overhead Power Lines With Nominal Voltage Greater Than 1000 V	Mechanical Strength Test	IS 2486 Part 2: 1989	0.2 kN to 100 kN
410	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal Fitting of Insulators of Overhead Power Lines With Nominal Voltage Greater Than 1000 V	Slip Strength Test	IS 2486 part 1: 1993	0.2 kN to 100 kN
411	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal Fitting of Insulators of Overhead Power Lines With Nominal Voltage Greater Than 1000 V	Verification Of Dimension	IS 2486 part 1: 1993	0.2 mm to 10000 mm
412	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal Fitting of Insulators of Overhead Power Lines With Nominal Voltage Greater Than 1000V	Verification Of Dimension	IS 2486 Part 1: 1993	0.2 mm to 10000 mm
413	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Midspan Joints and Repair Sleeves For Conductor	Electrical Resistance	IS 2121 part 2: 1981	10 micro ohm to 1000 ohm



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 62 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
414	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Midspan joints and repair sleeves for conductor	Failing Load Test	IS 2121 part 2: 1981	0.2 kN to 600 kN
415	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Midspan joints and repair sleeves for conductors	Galvanizing test Mass of Zinc coating	IS 6745: 1972	50 g/m ² to 2000 g/m ²
416	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Spacers and spacer dampers for twin horizontal bundle conductors	Galvanizing test Mass of Zinc coating	IS 6745: 1972	50 g/m ² to 2000 g/m ²
417	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Spacers and Spacer Dampers for Twin Horizontal Bundle Conductor	Assembly Torque Test	IS 10162: 1982	20 Nm to 100 Nm
418	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Spacers and Spacer Dampers for Twin Horizontal Bundle Conductor	Clamp Bolt Torque Test	IS 10162: 1982	20 Nm to 100 Nm
419	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Spacers and Spacer Dampers for Twin Horizontal Bundle Conductor	Magnetic Power loss test	IS 10162: 1982	100 A to 5000 A
420	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Spacers and Spacer Dampers for Twin Horizontal Bundle Conductor	Verification of Dimension	IS 10162: 1982	0.2 mm to 10000 mm



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 63 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
421	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Spacers and Spacer Dampers for Twin Horizontal Bundle Conductor	Visual Examination	IS 10162: 1982	Qualitative
422	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Spacers and Spacers Dampers for twin horizontal bundle conductors	Compression & Pull off Test	IS 10162: 1982	0.2 kN to 600 kN
423	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Stock Bridge Vibration for Overhead power lines	Clamp Slip Test	IS 9708: 1993	200 N to 5000 N
424	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Stock Bridge Vibration for Overhead power lines	Magnetic Power Loss	IS 9708: 1993	100 A to 5000 A
425	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Stock Bridge Vibration for Overhead power lines	Mass Pull off Test	IS 9708: 1993	200 N to 5000 N
426	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Stock Bridge Vibration for Overhead power lines	Verification of Dimension	IS 9708: 1993	0.2 mm to 10000 mm
427	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Stock Bridge Vibration for Overhead power lines	Visual Examination	IS 9708: 1993	Qualitative(Visual)



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 64 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
428	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Bend Test	IS 1599: 2012	Qualitative(Mandrel Diameter: 4,8,12,20,32,44,64,75, 80,100,120,150,175 (in mm))
429	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Elongation (Bar diameter: 4 mm to 40 mm)	IS 1608-Part 1: 2018	5 % to 40 %
430	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Tensile Strength (Bar diameter 4 mm to 40 mm)	IS 1608-Part1: 2018	100 N/mm ² to 1500 N/mm ²
431	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Yield Strength by 0.2% Proof stress method (Bar diameter: 4 mm to 40 mm)	IS1608-Part1: 2018	100 N/mm ² to 1500 N/mm ²
432	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel	Bend test	IS 1599: 2012	Qualitative(Mandrel Diameter: 4,8,12,20,32,44,64,75, 80,100,120,150,175 (in mm))
433	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel	Elongation (Bar diameter: 4 mm to 40 mm)	IS 1608-Part1: 2018	5 % to 40 %
434	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel	Tensile Strength (Bar diameter: 4 mm to 40 mm)	IS 1608-Part1: 2018	100 N/mm ² to 1500 N/mm ²



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MSME TESTING CENTRE, 65/1 GST ROAD, CHENNAI, TAMIL NADU, INDIA
 Accreditation Standard ISO/IEC 17025:2017
 Certificate Number TC-5135 Page No. : 65 / 65
 Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
435	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel	Yield Strength method (Bar diameter: 4 mm to 40 mm)	IS 1608-Part 1: 2018	100 N/mm ² to 1200 N/mm ²
436	RADIOLOGICAL- FOOD & AGRICULTURE	Food matrices	Cs- 137 content	IAEA TEC DOC 295: 1989	1.27 Bq/kg to 78 Bq/kg
437	RADIOLOGICAL- WATER	Natural Mineral Water	Alpha Emitters content	IS 14194 (Part 2): 2013	0.0008 Bq/Lit to 0.1 Bq/Lit
438	RADIOLOGICAL- WATER	Natural Mineral Water	Beta emitters content	IS 14194 (Part 1): 2013	0.03 Bq/Lit to 1 Bq/Lit
439	RADIOLOGICAL- WATER	Packaged Drinking water	Alpha emitters content	IS 14194 (part 2): 2013	0.0008 Bq/Lit to 0.1 Bq/Lit
440	RADIOLOGICAL- WATER	Packaged Drinking Water	Beta emitters content	IS 14194 (Part 1): 2013	0.03 Bq/Lit to 1 Bq/Lit

'NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.'