



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

NATIONAL TEST HOUSE (EASTERN REGION)

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

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

for its facilities at

11/1, JUDGES COURT ROAD, ALIPORE, KOLKATA, WEST BENGAL, INDIA

in the field of

TESTING

Certificate Number: TC-14138

Issue Date: 22/07/2024

Valid Until: 21/07/2026

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

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

Name of Legal Entity: NATIONAL TEST HOUSE

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

NATIONAL TEST HOUSE (EASTERN REGION), 11/1, JUDGES COURT ROAD, ALIPORE, KOLKATA, WEST BENGAL, INDIA

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Testing				
1	CHEMICAL- PAINTS & SURFACE COATING	Aluminium Paint For General Purpose In Dual Container	Consistency	IS 2339, Cl 5.3, Table 1, SI No.(ii), Annexure B
2	CHEMICAL- PAINTS & SURFACE COATING	Aluminium Paint For General Purpose In Dual Container	Leafing Property	IS 289, Cl.4.3, Annexure B
3	CHEMICAL- PAINTS & SURFACE COATING	Black Japan Type A B C	Outdoor Exposure Test	IS 341, Cl.5.5.1.1, 5.5.1.2, 5.5.2 Annex D
4	CHEMICAL- PAINTS & SURFACE COATING	Black Japan Type A B C	Reaction with white paint	IS 341, Cl.5.2 Annex B
5	CHEMICAL- PAINTS & SURFACE COATING	Black Japan Type A B C	Resistance to Kerosene	IS 341, Cl.5.6, Table 1, SI No. (vii), Annex F
6	CHEMICAL- PAINTS & SURFACE COATING	Black Japan Type A B C	Resistance to Varnish	IS 341, Cl.5.2 Annex C
7	CHEMICAL- PAINTS & SURFACE COATING	Black Japan Type A B C	Stripping Test	IS 341, Cl.5.6 Table 1, SI No. (vi) Annex E
8	CHEMICAL- PAINTS & SURFACE COATING	Cement Paint	Drying Time	IS 5410, Cl.4.8 Table 1 SI No. i Annex E
9	CHEMICAL- PAINTS & SURFACE COATING	Cement Paint	Durability	IS 5410, Cl.4.6 Annex D
10	CHEMICAL- PAINTS & SURFACE COATING	Cement Paint	Freedom from Organic Impurities	IS 5410, Cl.4.1.1 Annex C
11	CHEMICAL- PAINTS & SURFACE COATING	Cement Paint	Pot life of mixed paint	IS 5410, Cl.4.8 Table 1, SI No. (viii) Annex J
12	CHEMICAL- PAINTS & SURFACE COATING	Cement Paint	Residue on sieve	IS 5410, Cl.4.8 Table 1, SI No. (v) Annex F
13	CHEMICAL- PAINTS & SURFACE COATING	Cement Paint	Resistance to dry rubbing	IS 5410, Cl.4.8 Table 1, SI No. (vi) Annex G
14	CHEMICAL- PAINTS & SURFACE COATING	Cement Paint	Water Repellency	IS 5410, Cl.4.8 Table 1, SI No. (vii) Annex H
15	CHEMICAL- PAINTS & SURFACE COATING	Coated Film	Cross cut adhesion (Tape test)	ASTM D 3359
16	CHEMICAL- PAINTS & SURFACE COATING	Coated Film	Pencil hardness test	ASTM D 3363



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17	CHEMICAL- PAINTS & SURFACE COATING	Distemper Dry Colour	Consistency	IS 427, Cl.4.2.2 Table 1, SI No. (ii) Annex C
18	CHEMICAL- PAINTS & SURFACE COATING	Distemper Dry Colour	Drying Time	IS 427, Cl.4.2.2 Table 1, SI No. (i) Annex B
19	CHEMICAL- PAINTS & SURFACE COATING	Distemper Dry Colour	Recoating Properties	IS 427, Cl.4.2.2 Table 1, SI No. (vii) Annex E
20	CHEMICAL- PAINTS & SURFACE COATING	Distemper Dry Colour	Residue on sieve	IS 427, Cl.4.2.2 Table 1, SI No. (vi) Annex D
21	CHEMICAL- PAINTS & SURFACE COATING	Distemper Dry Colour	Resistance to Dry Rubbing	IS 427, Cl.4.2.2 Table 1, SI No. (ix) Annex G
22	CHEMICAL- PAINTS & SURFACE COATING	Enamel Interior (a) Undercoating (b) Finishing	Accelerated Storage Stability	IS 133, Cl.5.9 Table 1, S1 No. (xiii) Annex F
23	CHEMICAL- PAINTS & SURFACE COATING	Enamel Interior (a) Undercoating (b) Finishing	Consistency	IS 133, Cl.5.9 Table 1, SI No. (iii) (a) Annex C
24	CHEMICAL- PAINTS & SURFACE COATING	Enamel Interior (a) Undercoating (b) Finishing	Freedom from yellowing	IS 133, Cl.5.7 Annex B
25	CHEMICAL- PAINTS & SURFACE COATING	Enamel Interior (a) Undercoating (b) Finishing	Resistance to water	IS 133, Cl.5.9 Table 1, SI No. (ix) Annex E
26	CHEMICAL- PAINTS & SURFACE COATING	Enamel Interior (a) Undercoating (b) Finishing	Thinning Properties	IS 133, Cl.5.6
27	CHEMICAL- PAINTS & SURFACE COATING	Enamel Interior (a) Undercoating (b) Finishing for railway coaches	Durability Outdoor exposure Test	IS 8662, Cl.6.3.1 .1,6.3.1.2,6.3.1.4 and 6.3.2 Annex C
28	CHEMICAL- PAINTS & SURFACE COATING	Enamel Synthetic Exterior Undercoat Finishing	Accelerated Storage Stability	IS 2932, Cl.6.9 Table 2, SI No. (xii) Annex G
29	CHEMICAL- PAINTS & SURFACE COATING	Enamel Synthetic Exterior Undercoat Finishing	Consistency	IS 2932, Cl.6.9 Table 2, SI No. (i) (a) Annex D
30	CHEMICAL- PAINTS & SURFACE COATING	Enamel Synthetic Exterior Undercoat Finishing	Durability Test Normal Outdoor Exposure test	IS 2932, Cl. 6.7.1 .1, 6.7.1.2, 6.7.2.2, 8.1.1.1 Annex C
31	CHEMICAL- PAINTS & SURFACE COATING	Enamel Synthetic Exterior Undercoat Finishing	Resistance to Acid	IS 2932, Cl.6.9 Table 2, SI No. (x) Annex E
32	CHEMICAL- PAINTS & SURFACE COATING	Enamel Synthetic Exterior Undercoat Finishing	Resistance to Alkali	IS 2932, Cl.6.9 [(Table 2, SI No. (xi) Annex F



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33	CHEMICAL- PAINTS & SURFACE COATING	Knifing Stopper	Rubbing Properties	IS 5083, Cl.4.8 Table 1 (iii) Annex c
34	CHEMICAL- PAINTS & SURFACE COATING	Knifing Stopper	Stopping Properties	IS 5083, Cl.4.8 Table 1 (ii) Annex B
35	CHEMICAL- PAINTS & SURFACE COATING	Paint Plastic Emulsion	Colour	IS 15489, Cl.6.11 Table 1, SI No. (v) Annex E
36	CHEMICAL- PAINTS & SURFACE COATING	Paint Plastic Emulsion	Consistency	IS 15489, Cl.6.11 Table 1, SI No. (i) Annex B
37	CHEMICAL- PAINTS & SURFACE COATING	Paint Plastic Emulsion	Drying Time	IS 15489, Cl.6.11 Table 1, SI No. (iii) Annex D
38	CHEMICAL- PAINTS & SURFACE COATING	Paint Plastic Emulsion	Durability 21 days accelerated weathering test	IS 15489, Cl.6.8.1.1, 6.8.1.2 and 6.8.2 Annex C
39	CHEMICAL- PAINTS & SURFACE COATING	Paint Plastic Emulsion	Finish	IS 15489, Cl.6.11 Table 1, SI No. (iii) Annex D
40	CHEMICAL- PAINTS & SURFACE COATING	Paint Plastic Emulsion	Outdoor durability	IS 15489, Cl.6.8.1.1, 6.8.1.2 and 6.8.2 Annex C
41	CHEMICAL- PAINTS & SURFACE COATING	Paint Plastic Emulsion	Recoating Property	IS 15489, Cl.6.11 Table 1, SI No. (x) Annex J
42	CHEMICAL- PAINTS & SURFACE COATING	Paint Plastic Emulsion	Volatile organic compounds	IS 15489, Cl.3.1.1 & 6.12.2.1
43	CHEMICAL- PAINTS & SURFACE COATING	Paint Plastic Emulsion	Washability and Clean ability	IS 15489, Cl.6.11 Table 1, SI No. (viii) Annex G
44	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	100 percent Humidity Test	ASTM D 2247
45	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Abrasion Resistance using Taber Abraser	ASTM D 4060
46	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Pull off Strength Adhesion	ASTM D 4541
47	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Resistance to Chemical Reagent	ASTM D 543
48	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Salt Spray Test	ASTM B117



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49	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Temperature Resistance Test	ASTMD2485
50	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Acid Value	IS 101 (Part 9, Sec 1)
51	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Ash Content	IS 101 (Part 8, Sec 3)
52	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Colour	IS 101 (Part 4) Sec 2
53	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Consistency By Flow Cup	IS 101 (Part 1, Sec 5)
54	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Dry Film Thickness	IS 101 (Part 3) Sec 2
55	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Drying Time Hard Dry	IS 101 (Part 3) Sec 1
56	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Drying Time Surface Dry	IS 101 (Part 3) Sec 1
57	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Drying Time Tack Free	IS 101 (Part 3) Sec 1
58	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Durability Accelerated Weathering Test	IS 101 (Part 6) Sec 5
59	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Fastness to light	IS 101 (Part 4) Sec 3
60	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Fineness of Grind	IS 101 (Part 3) Sec 5
61	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Finish	IS 101 (Part 3) Sec 4
62	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Flash Point	IS 101 (Part 1) Sec 6
63	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Flexibility and Adhesion	IS 101 (Part 5) Sec 2
64	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Freedom from coarse particle	IS 101 (Part 1) Sec 2



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65	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Gloss	IS 101 (Part 4) Sec 4
66	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Keeping Properties	IS 101 (Part 6) Sec 2
67	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Lead Restriction	IS 101 (Part 8) Sec 5
68	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Mass in kg per 10 litre	IS 101 (Part 1) Sec 7
69	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Non Volatile Vehicle	IS 101 (Part 8) Sec 2
70	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Phthalic Anhydride	IS 101 (Part 8) Sec 4
71	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Pigment Content	IS 101 (Part 8) Sec 2
72	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Residue on Sieve	IS 101 (Part 8) Sec 1
73	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Resistance to Heat	IS 101 (Part 7) Sec 3
74	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Resistance to Humidity under conditions of condensation a Resistance to Humidity	IS 101 (Part 6) Sec 1
75	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Resistance to Humidity under conditions of condensation c Resistance to Salt Spray	IS 101 (Part 6) Sec 1
76	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Resistance to liquid Immersion	IS 101 (Part 7) Sec 2
77	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Resistance to Water	IS 101 (part 7) Sec 1
78	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Rosin Test	IS 101 (Part 9) Sec 2
79	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Scratch Hardness	IS 101 (Part 5) Sec 2



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80	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Skin Formation	IS 101 (Part 1) Sec 2
81	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Total Non Volatile Matter	IS 101 (Part 8) Sec 2
82	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Volatile Matter	IS 101 (Part 2) Sec 2
83	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Volume solid	IS 101 (Part 8) Sec 6
84	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Water Content	IS 101 (Part 2) Sec 1
85	CHEMICAL- PAINTS & SURFACE COATING	Paints Enamels Varnishes Distemper and their allied products	Wet Opacity	IS 101 (Part 4) Sec 1
86	CHEMICAL- PAINTS & SURFACE COATING	Polyurethane Full Gloss Enamel Two Pack	Accelerated test Resistance to Acid	IS 13213, Annex E
87	CHEMICAL- PAINTS & SURFACE COATING	Polyurethane Full Gloss Enamel Two Pack	Accelerated test Resistance to Alkali	IS 13213, Cl.4.4 Table 1, SI No. (xiii).b Annex E
88	CHEMICAL- PAINTS & SURFACE COATING	Polyurethane Full Gloss Enamel Two Pack	Accelerated test Resistance to oil	IS 13213, Cl.4.4 Table 1, SI No. (xiii).c Annex E
89	CHEMICAL- PAINTS & SURFACE COATING	Polyurethane Full Gloss Enamel Two Pack	Accelerated test Resistance to solvents	IS 13213, Cl.4.4 Table 1, SI No. (xiii).d Annex E
90	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Air dried Red oxideZinc Phosphate	Zinc Phosphate Percent by mass in pigment	IS 12744, Cl.5.3 Table 1, SI No. (vii) Annex C
91	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Air Drying Red Oxide Zinc Chrome Priming	Chromic Anhydride as CrO3	IS 2074 Annexure B
92	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Air Drying Red Oxide Zinc Chrome Priming	Consistency	IS 2074, Cl.5.6 Table 1, SI No. (i) (a) Annex C
93	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Air Drying Red Oxide Zinc Chrome Priming	Red Oxide	IS 6947 (Part 2, CL.6)
94	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Air Drying Red Oxide Zinc Chrome Priming	Resistance to Salt Spray	IS 2074, Cl.5.6 Table 1, SI No. (x) (c) Annex E
95	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Air Drying Red Oxide Zinc Chrome Priming	Resistance to Sea Water	IS 2074, Cl.5.6 Table 1, SI No. (x) (b) Annex D



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96	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Air Drying Red Oxide Zinc Chrome Priming	Zinc Oxide As ZnO	IS 2074, Cl.5.1.1 Annex B
97	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Brushing Bituminous Black Lead Free Acid Alkali And Heat Resisting	Consistency	IS 158, Cl.4.3 Table 1, SI No. (ii) Annex B
98	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Brushing Bituminous Black Lead Free Acid Alkali And Heat Resisting	Consistency	IS 9862, Cl.4.3 Table 1, SI No. (ii) Annex B
99	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Brushing Bituminous Black Lead Free Acid Alkali And Heat Resisting	Resistance to Acid	IS 158, Cl.4.3 Table 1, SI No. (xii) Annex D
100	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Brushing Bituminous Black Lead Free Acid Alkali And Heat Resisting	Resistance to Acid	IS 9862, Cl.4.3 Table 1, SI No. (xiii) Annex E
101	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Brushing Bituminous Black Lead Free Acid Alkali And Heat Resisting	Resistance to Alkali	IS 158, Cl.4.3 Table 1, SI No. (xiii) Annex E
102	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Brushing Bituminous Black Lead Free Acid Alkali And Heat Resisting	Resistance to Alkali	IS 9862, Cl.4.3 Table 1, SI No. (xiv) Annex F
103	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Brushing Bituminous Black Lead Free Acid Alkali And Heat Resisting	Resistance to Chlorine	IS 9862 Annexure G
104	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Brushing Bituminous Black Lead Free Acid Alkali And Heat Resisting	Resistance to Heat	IS 158, Cl.4.3 Table 1, SI No. (xiv) Annex F
105	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Brushing Bituminous Black Lead Free Acid Alkali And Heat Resisting	Resistance to water	IS 9862, Annexure D
106	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Brushing Bituminous Black Lead Free Acid Alkali And Heat Resisting	Stripping test	IS 9862 Annex C
107	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint Brushing Bituminous Black Lead Free Acid Alkali And Heat Resisting	Stripping Test	IS 158, Cl.4.3 Table 1, SI No. (ix) Annex C
108	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint for Road Marking	Consistency	IS 164 Annex D
109	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint for Road Marking	Early wash out resistance	IS 164
110	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint for Road Marking	No pick up time	IS 164, Cl.5.5 Table 1, SI No. xiii Annex H
111	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint for Road Marking	Recoating Properties	IS 164, Cl.5.5 Table 1, SI No. vi) Annex E



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112	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint for Road Marking	Resistance to accelerated weathering	IS 164
113	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint for Road Marking	Resistance to bleeding	IS 164, Cl.5.5 Table 1, Sl No. vii) Annex F
114	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint for Road Marking	Resistance to wear	IS 164, Cl.5.5 Table 1, Sl No. xxi Annex M
115	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint for Road Marking	Scrub resistance	IS 164
116	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint for Road Marking	Taber abrasion resistance	IS 164
117	CHEMICAL- PAINTS & SURFACE COATING	Ready Mixed Paint, Air Drying, Red Oxide Zinc Chrome, Priming	Accelerated Storage Stability	IS 2074, Cl.5.6 Table 1, Sl No. (xi) Annex F
118	CHEMICAL- PAINTS & SURFACE COATING	ReadyMixed Paint Brushing Grey Filler For Enamels For Use Over Primers	Flattening Properties	IS 110, Cl.4.3 Table 1 Sl No. vii Annex C
119	CHEMICAL- PAINTS & SURFACE COATING	ReadyMixed Paint Brushing Grey Filler For Enamels For Use Over Primers	Holdout Properties	IS 110 Annex D
120	CHEMICAL- PAINTS & SURFACE COATING	Solvent free polyurethane coatings for exterior of steel pipe and fittings	Adhesion test Pull off Adhesion	IS 16719, Cl.6.6 Table 1, Sl. No. (v) (a) and 10.2.3.7 Annex E
121	CHEMICAL- PAINTS & SURFACE COATING	Solvent free polyurethane coatings for exterior of steel pipe and fittings	Adhesion test X cut adhesion	IS 16719 Annex F
122	CHEMICAL- PAINTS & SURFACE COATING	Solvent free polyurethane coatings for exterior of steel pipe and fittings	Dry Film Thickness in microns at 27 Deg C plus minus 2 deg C	IS 16719, Cl.6.6 Table 1, Sl. No. (v) (a) and 10.2.3.7 Annex B
123	CHEMICAL- PAINTS & SURFACE COATING	Solvent free polyurethane coatings for exterior of steel pipe and fittings	Electrical Continuity Holiday	IS 16719, Cl.6.6 Table 1, Sl. No. (iv), 10.2.3.6, 10.3.2 and 10.4.2 Annex D
124	CHEMICAL- PAINTS & SURFACE COATING	Solvent free polyurethane coatings for exterior of steel pipe and fittings	Gel Time at 27 Deg C plus minus 2deg C	IS 16719, Cl.6.6 Table 1, Sl. No. (i) Annex A
125	CHEMICAL- PAINTS & SURFACE COATING	Solvent free polyurethane coatings for exterior of steel pipe and fittings	Hardness Shore D	IS 16719 Annexure C
126	CHEMICAL- PAINTS & SURFACE COATING	Solvent free polyurethane coatings for exterior of steel pipe and fittings	Immersion test Tap water	IS 16719, Cl.6.6 Table 1, Sl. No. (vi) Annex G



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127	CHEMICAL- PAINTS & SURFACE COATING	Solvent free polyurethane coatings for exterior of steel pipe and fittings	Impact Resistance	IS 16719, Cl.6.6 Table1, Sl. no. (ix)Annex K
128	CHEMICAL- PAINTS & SURFACE COATING	Solvent free polyurethane coatings for exterior of steel pipe and fittings	Taber Abrasion Resistance	IS 16719, Cl.6.6 Table 1, Sl. No. (viii) Annex J
129	CHEMICAL- PAINTS & SURFACE COATING	Solventless Liquid Epoxy System for Application on interior and exterior surfaces of steel water pipeline	Abrasion Resistance	IS 16676, Cl.9.1 and Table 1, SI No. (v) Annex F
130	CHEMICAL- PAINTS & SURFACE COATING	Solventless Liquid Epoxy System for Application on interior and exterior surfaces of steel water pipeline	Adhesion Pull off test	IS 16676, Cl.9.1 and 10.2.3.7 and Table 1 SI No. (iii)(b) Annex D
131	CHEMICAL- PAINTS & SURFACE COATING	Solventless Liquid Epoxy System for Application on interior and exterior surfaces of steel water pipeline	Electrical Insulation Holidays	IS 16676, Cl.9.1, 10.2.3.6, 10.3.2 and 10.4.2 and Table 1, SI No. (ii) Annex B
132	CHEMICAL- PAINTS & SURFACE COATING	Solventless Liquid Epoxy System for Application on interior and exterior surfaces of steel water pipeline	Immersion Vapour Phase 30 days Sulphuric Acid 1 Percent weight by volume	IS 16676, Cl.9.1 and Table 1, SI No. (iv).b. Annex E
133	CHEMICAL- PAINTS & SURFACE COATING	Solventless Liquid Epoxy System for Application on interior and exterior surfaces of steel water pipeline	Immersion Vapour Phase 30 days c Sodium hydroxide 1 Percent weight by volume	IS 16676, Cl.9.1 and Table 1, SI No. (iv). c. Annex E
134	CHEMICAL- PAINTS & SURFACE COATING	Solventless Liquid Epoxy System for Application on interior and exterior surfaces of steel water pipeline	Immersion Vapour Phase 30 days De ionized Water	IS 16676, Cl.9.1 and Table 1, SI No. (iv). a. Annex E
135	CHEMICAL- PAINTS & SURFACE COATING	Solventless Liquid Epoxy System for Application on interior and exterior surfaces of steel water pipeline	Solvent Rub Test	IS 16676, Cl.6.4 and Table 1, SI No. (vii) Annex H
136	CHEMICAL- PAINTS & SURFACE COATING	Thermoplastic Road Marking Material	Binder Content	BS 3262 Part 1
137	CHEMICAL- PAINTS & SURFACE COATING	Thermoplastic Road Marking Material	Calcium Carbonate and Inert filler	BS 3262 Part 1
138	CHEMICAL- PAINTS & SURFACE COATING	Thermoplastic Road Marking Material	Colour	MORTH 803.4.1.1
139	CHEMICAL- PAINTS & SURFACE COATING	Thermoplastic Road Marking Material	Cracking Resistance	MORTH 803 4 1 2



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140	CHEMICAL- PAINTS & SURFACE COATING	Thermoplastic Road Marking Material	Drying Time	MORTH C 803 4 1 2 ii b
141	CHEMICAL- PAINTS & SURFACE COATING	Thermoplastic Road Marking Material	Flow Resistance	BS 3262 Part 1
142	CHEMICAL- PAINTS & SURFACE COATING	Thermoplastic Road Marking Material	Glass Bead Content	BS 3262 Part 1
143	CHEMICAL- PAINTS & SURFACE COATING	Thermoplastic Road Marking Material	Luminance	AASTHO M 249
144	CHEMICAL- PAINTS & SURFACE COATING	Thermoplastic Road Marking Material	Softening Point	ASTMD 36
145	CHEMICAL- PAINTS & SURFACE COATING	Thermoplastic Road Marking Material	Titanium dioxide content	IS 6947 Part 1
146	CHEMICAL- PAINTS & SURFACE COATING	Washable Distemper	Accelerated storage stability	IS 428, Cl.6.7 Table 1, SI No. (ix) Annex G
147	CHEMICAL- PAINTS & SURFACE COATING	Washable Distemper	Consistency	IS 428, Cl.6.7 Table 1, SI No. (ii) Annex C
148	CHEMICAL- PAINTS & SURFACE COATING	Washable Distemper	Drying Time	IS 428, Cl.6.7 Table 1, SI No. (i) Annex B
149	CHEMICAL- PAINTS & SURFACE COATING	Washable Distemper	Recoating Properties	IS 428, Cl.6.7 Table 1, SI No. (vii) Annex E
150	CHEMICAL- PAINTS & SURFACE COATING	Washable Distemper	Residue on sieve	IS 428, Cl.6.7 Table 1, SI No. (vi) Annex D
151	CHEMICAL- PAINTS & SURFACE COATING	Washable Distemper	Resistance to Alkali	IS 428, Cl.6.7 Table 1, SI No. (viii) Annex F
152	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages upto and including 1100 Volts	High Voltage test	IS 14255, Cl.10.1(g)
153	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages upto and including 1100 Volts	Insulation resistance test	IS 14255, Cl.10.1(f)
154	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages upto and including 1100 Volts	Resistance test on messenger conductor	IS 14255, Cl.10.1(b)(iii)
155	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages upto and including 1100 Volts	Resistance test on phase conductor	IS 14255, Cl.10.1(a)(iii)



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156	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages upto and including 1100 Volts	Test for thickness of insulation	IS 14255, Cl.10.1(e)
157	ELECTRICAL- CABLES & WIRES	Crosslinked polyethylene insulated PVC sheathed cables: Part 1 For working voltage upto and including 1100 V	High voltage test	IS 7098 (Part 1, Cl.15.1(g))
158	ELECTRICAL- CABLES & WIRES	Crosslinked polyethylene insulated PVC sheathed cables: Part 1 For working voltage upto and including 1100 V	Insulation resistance test	IS 7098 (Part 1, Cl.15.1(f))
159	ELECTRICAL- CABLES & WIRES	Crosslinked polyethylene insulated PVC sheathed cables: Part 1 For working voltage upto and including 1100 V	Test for Thickness of insulation	IS 7098 (Part 1, Cl.15.1(c))
160	ELECTRICAL- CABLES & WIRES	Crosslinked polyethylene insulated PVC sheathed cables: Part 1 For working voltage upto and including 1100 V	Test on Conductor - Resistance test	IS 7098 (Part 1, Cl.15.1(a)(iv))
161	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 450/750	Conductor Resistance	IS 694, Table 1-Test (2),Sl. No.i(a),ii(d),iii(a)(4)
162	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 450/750	High Voltage Test(at room temperature)	IS 694, Cl.10.2
163	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 450/750	High Voltage test (Water immersion test)	IS 694, Cl.10.1
164	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 450/750	Insulation Resistance	IS 694, Table 1-Test (2),Sl. No.ii(g),iii(e)(3)
165	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 450/750	Test for overall dimension and thickness of insulation/sheath	IS 694, Table 1-Test (2),Sl. No.ii(e),iii(b)
166	ELECTRICAL- CABLES & WIRES	Power Cables	Conductor Resistance Test	IS 10810 (Part 5)



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167	ELECTRICAL- CABLES & WIRES	Power Cables	High Voltage Test	IS 10810 (Part 45)
168	ELECTRICAL- CABLES & WIRES	Power Cables	Insulation Resistance Test	IS 10810 (Part 43)
169	ELECTRICAL- CABLES & WIRES	Power Cables	Test for overall dimension and thickness of insulation/sheath	IS 10810 (Part 6)
170	ELECTRICAL- CABLES & WIRES	PVC insulated (heavy duty) electric cables: Part 1 For working voltages upto and including 1 100 V	Insulation resistance test	IS 1554 (Part 1, Cl.15.1(e))
171	ELECTRICAL- CABLES & WIRES	PVC insulated (heavy duty) electric cables: Part 1 For working voltages upto and including 1100 V	High Voltage test (Water immersion test)	IS 1554 (Part 1, Cl.15.1(f),16.3)
172	ELECTRICAL- CABLES & WIRES	PVC insulated (heavy duty) electric cables: Part 1 For working voltages upto and including 1100 V	Conductor resistance test	IS 1554 (Part 1, Cl.15.1(a)(4))
173	ELECTRICAL- CABLES & WIRES	PVC insulated (heavy duty) electric cables: Part 1 For working voltages upto and including 1100 V	High voltage test at room temperature	IS 1554 (Part 1, Cl.15.1(g),16.2)
174	ELECTRICAL- CABLES & WIRES	PVC insulated (heavy duty) electric cables: Part 1 For working voltages upto and including 1100 V	Test for Thickness of insulation	IS 1554 (Part 1, Cl.15.1(c))
175	ELECTRICAL- CABLES & WIRES	PVC Insulated, Underground, Unscreened Cable for Railway Signalling	Conductor Resistance Test	IRS S63, Cl. 5.7
176	ELECTRICAL- CABLES & WIRES	PVC Insulated, Underground, Unscreened Cable for Railway Signalling	High Voltage Test	IRS S63, Cl.5.12.1
177	ELECTRICAL- CABLES & WIRES	PVC Insulated, Underground, Unscreened Cable for Railway Signalling	Insulation Resistance Test	IRS S63, Cl.5.13
178	ELECTRICAL- CABLES & WIRES	PVC Insulated, Underground, Unscreened Cable for Railway Signalling	Test for Thickness of Insulation and Sheath	IRS S63, Cl.5.9
179	ELECTRICAL- CABLES & WIRES	PVC Insulated, Underground, Unscreened Cable for Railway Signalling	Visual Inspection	IRS S63, Cl. 5.15
180	ELECTRICAL- CABLES & WIRES	PVC Insulated, Underground, Unscreened Cable for Railway Signalling	Water Immersion Test	IRS S63, Cl. 5.14.1
181	ELECTRICAL- CELLS & BATTERIES	Lead Acid Batteries for motorcycle	High rate discharge feature	JIS D -5302, Cl.8.3.3
182	ELECTRICAL- CELLS & BATTERIES	Lead Acid Batteries for motorcycle	Vibration resistance test	JIS D -5302, Cl.8.3.4



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183	ELECTRICAL- CELLS & BATTERIES	Lead Acid Batteries for motorcycles	Capacity test (10 hour rate)	JIS D -5302, Cl.8.3.2
184	ELECTRICAL- CELLS & BATTERIES	Lead Acid Batteries for motorcycles	Characteristics of Electrolyte Decrease	JIS D -5302, Cl. Reference 3
185	ELECTRICAL- CELLS & BATTERIES	Lead Acid Batteries for motorcycles	Deep Cycle Endurance test	JIS D -5302, Cl. Reference 1
186	ELECTRICAL- CELLS & BATTERIES	Lead Acid Batteries for motorcycles	Dimension	JIS D -5302, Cl.8.3.1
187	ELECTRICAL- CELLS & BATTERIES	Lead Acid Batteries for motorcycles	Shallow Cycle Endurance	JIS D -5302, Cl. Reference 2
188	ELECTRICAL- CELLS & BATTERIES	Lead Acid Batteries for motorcycles	Storage characteristic feature test	JIS D -5302, Cl. Reference 4
189	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	1st 20 hr. capacity test	SLS 1126 (Part-1, Cl.9.1)
190	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	1st cranking performance test	SLS 1126 (Part-1, Cl.9.3.1)
191	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	1st reserve capacity	SLS 1126 (Part-1, Cl.9.2)
192	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	20h rate Capacity test	JIS D 5301, Cl.10.1
193	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	2nd 20 hr. capacity test	SLS 1126 (Part-1, Cl.9.1)
194	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	2nd cranking performance test	SLS 1126 (Part-1, Cl.9.3.1)
195	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	2nd reserve capacity	SLS 1126 (Part-1, Cl.9.2)
196	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	3rd 20 hr. capacity test	SLS 1126 (Part-1, Cl.9.1)
197	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	3rd cranking performance test	SLS 1126 (Part-1, Cl.9.3.1)
198	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	3rd reserve capacity	SLS 1126 (Part-1, Cl.9.2)



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199	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	Charge acceptance Test	JIS D-5301, CI 10.4
200	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	Charge acceptance test	SLS 1126 (Part-1, CI.9.4)
201	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	Charge Retention Test	JIS D 5301, CI.10.10, Annexure 1
202	ELECTRICAL- CELLS & BATTERIES	Lead acid starter batteries	Charge retention test	SLS 1126 (Part-1, CI.9.5)
203	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	Cold Cranking ampere Test	JIS D-5301, CI 10.3
204	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	Corrosion test	SLS 1126 (Part-1, CI.9.6.1.1)
205	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	Cranking performance for dry charged batteries	SLS 1126 (Part-1, CI.8.4.2 & 9.10)
206	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	Dimension	JIS D-5301, Annex A, Table A.2
207	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	Electrolyte Retention	JIS D 5301, CI. 10.9
208	ELECTRICAL- CELLS & BATTERIES	Lead acid starter batteries	Electrolyte retention test	SLS 1126 (Part-1, CI.9.9)
209	ELECTRICAL- CELLS & BATTERIES	Lead acid starter batteries	Endurance in cycle test	SLS 1126 (Part-1, CI.9.6.1.2)
210	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	Fastening Robustness Test	JIS D-5301, CI 10.8
211	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	Heavy Load Endurance test	JIS D 5301, CI.10.5 (b)
212	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	Light Load Endurance Test	JIS D-5301, CI 10.5(a)
213	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	Reserve Capacity Test	JIS D-5301, CI 10.2
214	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	Terminal strength Test	JIS D-5301, CI. 10.7



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215	ELECTRICAL- CELLS & BATTERIES	Lead acid starter batteries	Vibration resistance test	SLS 1126 (Part-1, Cl.9.8)
216	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	Vibration Resistance Test	JIS D-5301, Cl. 10.6
217	ELECTRICAL- CELLS & BATTERIES	Lead Acid Starter Batteries	Water Consumption test	JIS D 5301, Cl.10.11
218	ELECTRICAL- CELLS & BATTERIES	Lead acid starter batteries	Water consumption test	SLS 1126 (Part-1, Cl.9.7)
219	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage Batteries for Motor Cycle	Checking of dimensions	IS 1145, Cl.7.8
220	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage Batteries for Motor Cycle	Physical Examination	IS 1145, Cl.7.6
221	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage Batteries for Motor Vehicle	Air Pressure Test	IS 1145, Cl.7.9
222	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage Batteries for Motor Vehicle	Air Pressure Test	IS 7372, Cl.9.6
223	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage Batteries for Motor Vehicle	Capacity Test	IS 7372, Cl.9.7
224	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage Batteries for Motor Vehicle	Dimensions and layout	IS 7372, Cl.9.4
225	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage Batteries for Motor Vehicle	High rate discharge at Low Temperature	IS 7372, Cl.9.10
226	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage Batteries for Motor Vehicle	High rate discharge at Normal Temperature	IS 7372, Cl.9.9
227	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage Batteries for Motor Vehicle	High rate discharge Test	IS 1145, Cl.7.12
228	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage Batteries for Motor Vehicle	Life Test	IS 1145, Cl.7.15
229	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage Batteries for Motor Vehicle	Life Test	IS 7372, Cl.9.14
230	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage Batteries for Motor Vehicle	Physical Examination	IS 7372, Cl.9.3



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231	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage Batteries for Motor Vehicle	Resistance to Over Charge	IS 1145, Cl.7.14
232	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage Batteries for Motor Vehicle	Resistance to Over Charge	IS 7372, Cl.9.13
233	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage Batteries for Motor Vehicle	Retention of Charge	IS 1145, Cl.7.13
234	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage Batteries for Motor Vehicle	Retention of Charge	IS 7372, Cl.9.12
235	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage Batteries for Motor Vehicle	Storage Test	IS 1145, Cl.7.16 or 7.17
236	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage Batteries for Motor Vehicle	Storage Test	IS 7372, Cl.9.15
237	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage Batteries for Motor Vehicle	Test for Capacity	IS 1145, Cl.7.10
238	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage Batteries for Motor Vehicle	Vibration Test	IS 1145, Cl.7.11
239	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage Batteries for Motor Vehicle	Vibration Test	IS 7372, Cl.9.8
240	ELECTRICAL- CELLS & BATTERIES	Lead Acid storage Batteries for Motor Vehicle with Light Weight and High Cranking	5-h capacity test	IS 14257, Cl.9.3.4
241	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage Batteries for Motor Vehicle with Light weight and High Cranking	Dimensions and layout	IS 14257, Cl.9.3.2
242	ELECTRICAL- CELLS & BATTERIES	Lead Acid Traction Batteries	1h high rate discharge performance	IS 5154 (Part-2, Cl.5.4)
243	ELECTRICAL- CELLS & BATTERIES	Lead Acid Traction Batteries	5 h capacity	IS 5154 (Part-2, Cl.5.2)
244	ELECTRICAL- CELLS & BATTERIES	Lead Acid Traction Batteries	charge retention	IS 5154 (Part-2, Cl.5.3)
245	ELECTRICAL- CELLS & BATTERIES	Lead Acid Traction Batteries	Cyclic Endurance Test	IS 5154 (Part-2, Cl.5.5)
246	ELECTRICAL- CELLS & BATTERIES	Lead Acid Traction Batteries	Dimension	IS 5154 (Part-2, Cl.3)



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247	ELECTRICAL- CELLS & BATTERIES	Lead-acid storage batteries for motor vehicles	Marking	IS 7372, Cl.9.5
248	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance	Charge Acceptance Test	IS 14257, Cl.9.3.8
249	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance	Charge retention	IS 14257, Cl.9.3.10
250	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance	Cold Cranking Ampere (CCA) at -18°C	IS 14257, Cl. 9.3.6
251	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance	Electrolyte retention	IS 14257, CL.9.3.14
252	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance	High rate discharge test at -15°C	IS 14257, Cl.9.3.5
253	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance	Life cycle test	IS 14257, Cl.9.3.12
254	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance	Light load endurance	IS 14257, Cl.9.3.11
255	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance	Marking	IS 14257, Cl.9.3.3
256	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance	Over Charge Endurance Test	IS 14257, Cl.9.3.13
257	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance	Physical examination	IS 14257, Cl.9.3.1
258	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance	Reserve capacity	IS 14257, Cl.,9.3.7
259	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance	Residual Capacity Test	IS 14257, Annex. B-1.2
260	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance	Robustness to fastening	IS 14257, Cl.9.3.17
261	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance	Strength of terminal	IS 14257, Cl.9.3.16
262	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance	Vibration test	IS 14257, Cl.9.3.15



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263	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries for Motor Vehicles with Light Weight and High Cranking Performance	Water consumption test	IS 14257, Cl.9.3.9
264	ELECTRICAL- CELLS & BATTERIES	Lead-acid traction batteries	1 h high-rate discharge performance	IS 5154 (Part-1, Cl.5.4)
265	ELECTRICAL- CELLS & BATTERIES	Lead-acid traction batteries	Dimensions	IS 5154(Part-2)
266	ELECTRICAL- CELLS & BATTERIES	Low maintenance lead acid stationary secondary cells for s&t installations	Air pressure test on containers consisting of finished cell / battery	IRS S88, Cl.7.15
267	ELECTRICAL- CELLS & BATTERIES	Low maintenance lead acid stationary secondary cells for s&t installations	Ampere Hour & Watt Hour Efficiency test	IRS S88, Cl.7.8
268	ELECTRICAL- CELLS & BATTERIES	Low maintenance lead acid stationary secondary cells for s&t installations	Dimension	IRS S88, Cl.7.4
269	ELECTRICAL- CELLS & BATTERIES	Low maintenance lead acid stationary secondary cells for s&t installations	Endurance Test	IRS S88, Cl.7.7
270	ELECTRICAL- CELLS & BATTERIES	Low maintenance lead acid stationary secondary cells for s&t installations	Equilibrium Float Current Test	IRS S88, Cl.7.13
271	ELECTRICAL- CELLS & BATTERIES	Low maintenance lead acid stationary secondary cells for s&t installations	Life Test	IRS S88, Cl.7.10
272	ELECTRICAL- CELLS & BATTERIES	Low maintenance lead acid stationary secondary cells for s&t installations	Marking	IRS S88, Cl.7.3
273	ELECTRICAL- CELLS & BATTERIES	Low maintenance lead acid stationary secondary cells for s&t installations	Storage Test	IRS S88, Cl.7.11
274	ELECTRICAL- CELLS & BATTERIES	Low maintenance lead acid stationary secondary cells for s&t installations	Sulphation test	IRS S88, Cl.7.14
275	ELECTRICAL- CELLS & BATTERIES	Low maintenance lead acid stationary secondary cells for s&t installations	Test for loss of Capacity on Storage	IRS S88, Cl.7.6
276	ELECTRICAL- CELLS & BATTERIES	Low maintenance lead acid stationary secondary cells for s&t installations	Test for Voltage During Discharge	IRS S88, Cl.7.9
277	ELECTRICAL- CELLS & BATTERIES	Low maintenance lead acid stationary secondary cells for s&t installations	Test of capacity	IRS S88, Cl.7.5
278	ELECTRICAL- CELLS & BATTERIES	Low maintenance lead acid stationary secondary cells for s&t installations	Verification of constructional requirements	IRS S88, Cl.7.2



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279	ELECTRICAL- CELLS & BATTERIES	Low maintenance lead acid stationary secondary cells for s&t installations	Water loss test	IRS S88, Cl.7.12
280	ELECTRICAL- CELLS & BATTERIES	Secondaries Lead Acid Batteries(Valve Regulated Type)	Abusive over discharge	IEC 60896-21 & IEC-60896-22, Cl.6.17
281	ELECTRICAL- CELLS & BATTERIES	Secondaries Lead Acid Batteries(Valve Regulated Type)	Charge Retention During Storage	IEC 60896-21 & IEC-60896-22, Cl.6.12
282	ELECTRICAL- CELLS & BATTERIES	Secondaries Lead Acid Batteries(Valve Regulated Type)	Dimensional stability at elevated internal pressure and temperature	IEC 60896-21 & IEC-60896-22, Cl.6.20
283	ELECTRICAL- CELLS & BATTERIES	Secondaries Lead Acid Batteries(Valve Regulated Type)	Discharge Capacity	IEC 60896-21 & IEC-60896-22, Cl.6.11
284	ELECTRICAL- CELLS & BATTERIES	Secondaries Lead Acid Batteries(Valve Regulated Type)	Float Service with Daily Discharges	IEC 60896-21 & IEC-60896-22, Cl.6.13
285	ELECTRICAL- CELLS & BATTERIES	Secondaries Lead Acid Batteries(Valve Regulated Type)	Gas emission	IEC 60896-21 & IEC-60896-22, Cl.6.1
286	ELECTRICAL- CELLS & BATTERIES	Secondaries Lead Acid Batteries(Valve Regulated Type)	Impact of a stress temperature of 55 deg C	IEC 60896-21 & IEC-60896-22, Cl.6.16
287	ELECTRICAL- CELLS & BATTERIES	Secondaries Lead Acid Batteries(Valve Regulated Type)	Intercell Connector Performance	IEC 60896-21 & IEC-60896-22, Cl. 6.10
288	ELECTRICAL- CELLS & BATTERIES	Secondaries Lead Acid Batteries(Valve Regulated Type)	Low Temperature Sensitivity	IEC 60896-21 & IEC-60896-22, Cl.6.19
289	ELECTRICAL- CELLS & BATTERIES	Secondaries Lead Acid Batteries(Valve Regulated Type)	Recharge Behaviour	IEC 60896-21 & IEC-60896-22, Cl.6.14
290	ELECTRICAL- CELLS & BATTERIES	Secondaries Lead Acid Batteries(Valve Regulated Type)	Service Life at operating Temperature of 40 deg C	IEC 60896-21 & IEC-60896-22, Cl.6.15
291	ELECTRICAL- CELLS & BATTERIES	Secondaries Lead Acid Batteries(Valve Regulated Type)	Short Circuit Current and DC Internal Resistance	IEC 60896-21 & IEC-60896-22, Cl.6.3
292	ELECTRICAL- CELLS & BATTERIES	Secondaries Lead Acid Batteries(Valve Regulated Type)	Valve Operation	IEC 60896-21 & IEC-60896-22, Cl.6.8
293	ELECTRICAL- CELLS & BATTERIES	Secondary cells and batteries for Solar Photo voltaic Application, General requirement & Method of Test	Checking of Dimension	IS 16270



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294	ELECTRICAL- CELLS & BATTERIES	Secondary cells and batteries for Solar Photo voltaic Application, General requirement & Method of Test	Recovery from sulphation test	IS 16270, Cl.8.5
295	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photo Voltaic Application,General Requirement and Method of Test	Charge Retention Test	IS 16270, Cl.8.3
296	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photo Voltaic Application,General Requirement and Method of Test	Cyclic Endurance Test in Photo Voltaic Application in Extreme Condition	IS 16270, Cl.8.4
297	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photo Voltaic Application,General Requirement and Method of Test	Endurance Test	IS 16270, Cl.8.2
298	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photo Voltaic Application,General Requirement and Method of Test	Rated Capacity Test	IS 16270, Cl.8.1
299	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photo Voltaic Application,General Requirement and Method of Test	Visual Examination	IS 16270
300	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photo Voltaic Application,General Requirement and Method of Test	Water Loss in Float Charge	IS 16270, Cl.8.6
301	ELECTRICAL- CELLS & BATTERIES	Small size valve regulated Lead acid Batteries	Capacity Test	JIS C-8702, Cl 5.1
302	ELECTRICAL- CELLS & BATTERIES	Small size valve regulated Lead acid Batteries	Charge acceptance characteristics after deep discharge	JIS C-8702, Cl.5.6
303	ELECTRICAL- CELLS & BATTERIES	Small size valve regulated Lead acid Batteries	Cycle service Endurance	JIS C-8702, Cl.5.3
304	ELECTRICAL- CELLS & BATTERIES	Small size valve regulated Lead acid Batteries	Endurance in trickle application	JIS C-8702, Cl.5.7
305	ELECTRICAL- CELLS & BATTERIES	Small size valve regulated Lead acid Batteries	Endurance in trickle application at 40 Deg C	JIS C-8702, Cl.5.8
306	ELECTRICAL- CELLS & BATTERIES	Small size valve regulated Lead acid Batteries	Gas emission intensity-II	JIS C-8702, Cl 5.9 b



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307	ELECTRICAL- CELLS & BATTERIES	Small size valve regulated Lead acid Batteries	Gas Recombination Characteristics-Liqued leakage resistance characteristics	JIS C-8702, Cl.5.10 b
308	ELECTRICAL- CELLS & BATTERIES	Small size valve regulated Lead acid Batteries	High rate discharge Characteristics	JIS C-8702, Cl.5.2
309	ELECTRICAL- CELLS & BATTERIES	Small size valve regulated Lead acid Batteries	Maximum permissible current characteristics	JIS C-8702, Cl.5.5
310	ELECTRICAL- CELLS & BATTERIES	Small size valve regulated Lead acid Batteries	Storage characteristic	JIS C-8702, Cl.5.4
311	ELECTRICAL- CELLS & BATTERIES	Small size valve regulated Lead acid Batteries	Vibration Resistance Characteristics	JIS C-8702, Cl 5.11
312	ELECTRICAL- CELLS & BATTERIES	Stationary batteries — lead-acid type — with pasted positive plates	Tests for materials and components	IS 6304, Cl.4.1,4.2, 4.5, 4.7 and 4.11
313	ELECTRICAL- CELLS & BATTERIES	Stationary batteries lead-acid type with pasted positive plates	Ampere Hour & Watt Hour Efficiency Test	IS 6304, Cl.8.8
314	ELECTRICAL- CELLS & BATTERIES	Stationary batteries lead-acid type with pasted positive plates	Checking of Dimensions	IS 6304, Cl.6
315	ELECTRICAL- CELLS & BATTERIES	Stationary batteries lead-acid type with pasted positive plates	Endurance Test	IS 6304, Cl.8.9
316	ELECTRICAL- CELLS & BATTERIES	Stationary batteries lead-acid type with pasted positive plates	Test for capacity	IS 6304, Cl.8.6
317	ELECTRICAL- CELLS & BATTERIES	Stationary batteries lead-acid type with pasted positive plates	Test for Retention of Charge	IS 6304, Cl.8.7
318	ELECTRICAL- CELLS & BATTERIES	Stationary batteries lead-acid type with pasted positive plates	Test for Voltage During Discharge	IS 6304, Cl.8.10
319	ELECTRICAL- CELLS & BATTERIES	Stationary batteries lead-acid type with pasted positive plates	Visual Examination	IS 6304, Cl.8.4.1.1(a)
320	ELECTRICAL- CELLS & BATTERIES	Stationary cells and batteries, lead-acid type (with plante positive plates)	Marking	IS 1652, Cl.7
321	ELECTRICAL- CELLS & BATTERIES	Stationary Cells& Batteries, Lead Acid Type,Plante Positive Plate	Amperes-Hour & Watt Hour Efficiency	IS 1652, Cl.10.10
322	ELECTRICAL- CELLS & BATTERIES	Stationary Cells& Batteries, Lead Acid Type,Plante Positive Plate	Dimensions	IS 1652, Cl.6.1



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323	ELECTRICAL- CELLS & BATTERIES	Stationary Cells& Batteries, Lead Acid Type,Plante Positive Plate	Endurance Test	IS 1652, Cl.10.9
324	ELECTRICAL- CELLS & BATTERIES	Stationary Cells& Batteries, Lead Acid Type,Plante Positive Plate	Internal Resistance and Short Circuit test	IS 1652, Cl.10.14
325	ELECTRICAL- CELLS & BATTERIES	Stationary Cells& Batteries, Lead Acid Type,Plante Positive Plate	Loss of water test	IS 1652, Cl.10.12
326	ELECTRICAL- CELLS & BATTERIES	Stationary Cells& Batteries, Lead Acid Type,Plante Positive Plate	Test for capacity	IS 1652, Cl.10.6
327	ELECTRICAL- CELLS & BATTERIES	Stationary Cells& Batteries, Lead Acid Type,Plante Positive Plate	Test for loss of capacity on storage	IS 1652, Cl.10.8
328	ELECTRICAL- CELLS & BATTERIES	Stationary Cells& Batteries, Lead Acid Type,Plante Positive Plate	Test for suitability for floating battery operation	IS 1652, Cl.10.13
329	ELECTRICAL- CELLS & BATTERIES	Stationary Cells& Batteries, Lead Acid Type,Plante Positive Plate	Test for voltage during discharge	IS 1652, Cl.10.11
330	ELECTRICAL- CELLS & BATTERIES	Stationary Cells& Batteries, Lead Acid Type,Plante Positive Plate	Verification of constructional requirements	IS 1652, Cl.5
331	ELECTRICAL- CELLS & BATTERIES	Stationary Cells& Batteries, Lead Acid Type,Tubular Positive Plate	Ampere-hour and watt-hour efficiency tests	IS 1651, Cl.12.9
332	ELECTRICAL- CELLS & BATTERIES	Stationary Cells& Batteries, Lead Acid Type,Tubular Positive Plate	Endurance test	IS 1651, Cl.12.8
333	ELECTRICAL- CELLS & BATTERIES	Stationary Cells& Batteries, Lead Acid Type,Tubular Positive Plate	Marking	IS 1651, Cl.12.3
334	ELECTRICAL- CELLS & BATTERIES	Stationary Cells& Batteries, Lead Acid Type,Tubular Positive Plate	Short circuit current and internal resistance test	IS 1651, Cl.12.13
335	ELECTRICAL- CELLS & BATTERIES	Stationary Cells& Batteries, Lead Acid Type,Tubular Positive Plate	Test for capacity	IS 1651, Cl.12.5
336	ELECTRICAL- CELLS & BATTERIES	Stationary Cells& Batteries, Lead Acid Type,Tubular Positive Plate	Test for loss of capacity on storage	IS 1651, Cl.12.7
337	ELECTRICAL- CELLS & BATTERIES	Stationary Cells& Batteries, Lead Acid Type,Tubular Positive Plate	Test for suitability of floating battery operation	IS 1651, Cl.12.12
338	ELECTRICAL- CELLS & BATTERIES	Stationary Cells& Batteries, Lead Acid Type,Tubular Positive Plate	Test for voltage during discharge	IS 1651, Cl.12.10



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339	ELECTRICAL- CELLS & BATTERIES	Stationary Cells& Batteries, Lead Acid Type,Tubular Positive Plate	Verification of constructional requirements	IS 1651, Cl.12.2
340	ELECTRICAL- CELLS & BATTERIES	Stationary Cells& Batteries, Lead Acid Type,Tubular Positive Plate	Water loss test	IS 1651, Cl.12.11
341	ELECTRICAL- CELLS & BATTERIES	Stationary Lead Acid Batteries (with Tubular Positive Plates) in Monobloc Containers	Ampere Hour & Watt Hour Efficiency	IS 13369, Cl.11.8
342	ELECTRICAL- CELLS & BATTERIES	Stationary Lead Acid Batteries (with Tubular Positive Plates) in Monobloc Containers	Dimension	IS 13369, Cl.11.4
343	ELECTRICAL- CELLS & BATTERIES	Stationary Lead Acid Batteries (with Tubular Positive Plates) in Monobloc Containers	Endurance Test	IS 13369, Cl.11.7
344	ELECTRICAL- CELLS & BATTERIES	Stationary Lead Acid Batteries (with Tubular Positive Plates) in Monobloc Containers	Equilibrium Float Current Test	IS 13369, Cl.11.10
345	ELECTRICAL- CELLS & BATTERIES	Stationary Lead Acid Batteries (with Tubular Positive Plates) in Monobloc Containers	Loss of Capacity on Storage	IS 13369, Cl.11.6
346	ELECTRICAL- CELLS & BATTERIES	Stationary Lead Acid Batteries (with Tubular Positive Plates) in Monobloc Containers	Marking	IS 13369, Cl.11.3
347	ELECTRICAL- CELLS & BATTERIES	Stationary Lead Acid Batteries (with Tubular Positive Plates) in Monobloc Containers	Test for capacity	IS 13369, Cl.11.5
348	ELECTRICAL- CELLS & BATTERIES	Stationary Lead Acid Batteries (with Tubular Positive Plates) in Monobloc Containers	Verification of Constructional requirements	IS 13369, Cl.11.2
349	ELECTRICAL- CELLS & BATTERIES	Stationary Lead Acid Batteries (with Tubular Positive Plates) in Monobloc Containers	Water Loss test	IS 13369, Cl.11.9
350	ELECTRICAL- CELLS & BATTERIES	Stationary lead acid batteries-Valve regulated type	Content & Durability of required marking	IEC 60896-21 & IEC-60896-22, Cl. 6.6
351	ELECTRICAL- CELLS & BATTERIES	Stationary lead acid batteries-Valve regulated type	High current tolerance	IEC 60896-21 & IEC-60896-22, Cl.6.2
352	ELECTRICAL- CELLS & BATTERIES	Stationary lead acid batteries-Valve regulated type	Material identification	IEC 60896-21 & IEC-60896-22, Cl.6.7
353	ELECTRICAL- CELLS & BATTERIES	Stationary Lead acid batteries-Vented Type	Capacity Test	IEC:60896-11, Cl 14
354	ELECTRICAL- CELLS & BATTERIES	Stationary Lead acid batteries-Vented Type	Charge retention test	IEC:60896-11, Cl 18



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355	ELECTRICAL- CELLS & BATTERIES	Stationary Lead acid batteries-Vented Type	Endurance test in discharge charge cycle	IEC:60896-11, Cl 16
356	ELECTRICAL- CELLS & BATTERIES	Stationary Lead acid batteries-Vented Type	Endurance test in overcharge	IEC:60896-11, Cl 17
357	ELECTRICAL- CELLS & BATTERIES	Stationary Lead acid batteries-Vented Type	Short circuit current & Internal Resistance characteristics	IEC:60896-11, Cl. 19
358	ELECTRICAL- CELLS & BATTERIES	Stationary Lead acid batteries-Vented Type	Test for suitability of Floating operation	IEC:60896-11, Cl 15
359	ELECTRICAL- CELLS & BATTERIES	Stationary Valve Regulated Batteries	Ampere Hour & Watt Hour Efficiency	IS 15549, Cl.12.4 & 12.5
360	ELECTRICAL- CELLS & BATTERIES	Stationary Valve Regulated Batteries	Checking of dimensions as per manufacturer's drawing	IS 15549
361	ELECTRICAL- CELLS & BATTERIES	Stationary Valve Regulated Batteries	Endurance life cycle test	IS 15549, Cl.12.10
362	ELECTRICAL- CELLS & BATTERIES	Stationary Valve Regulated Batteries	Test for C 1 capacity and voltage during discharge	IS 15549, Cl.12.2
363	ELECTRICAL- CELLS & BATTERIES	Stationary Valve Regulated Batteries	Test for C 10 capacity and voltage during discharge	IS 15549, Cl.12.1
364	ELECTRICAL- CELLS & BATTERIES	Stationary Valve Regulated Batteries	Test for oxygen recombination efficiency	IS 15549, Cl.12.9
365	ELECTRICAL- CELLS & BATTERIES	Stationary Valve Regulated Batteries	Test for retention of charge	IS 15549, Cl.12.6
366	ELECTRICAL- CELLS & BATTERIES	Stationary Valve Regulated Batteries	Visual examination	IS 15549, Cl.4.1 to 4.9 and 8.1
367	ELECTRICAL- CELLS & BATTERIES	Valve Regulated Lead Acid (VRLA) Batteries	Ampere Hour (Ah) Efficiency	TEC/GR/TX/BAT-001/04, June 2011, Cl.5.8
368	ELECTRICAL- CELLS & BATTERIES	Valve Regulated Lead Acid (VRLA) Batteries	Cell Capacity	TEC/GR/TX/BAT-001/04, June 2011, Cl 5.1
369	ELECTRICAL- CELLS & BATTERIES	Valve Regulated Lead Acid (VRLA) Batteries	Charging	TEC/GR/TX/BAT-001/04, June 2011, Cl.5.2
370	ELECTRICAL- CELLS & BATTERIES	Valve Regulated Lead Acid (VRLA) Batteries	Loss of capacity during storage	TEC/GR/TX/BAT-001/04, June 2011, Cl 5.7



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371	ELECTRICAL- CELLS & BATTERIES	Valve Regulated Lead Acid (VRLA) Batteries	Voltage during discharge	TEC/GR/TX/BAT-001/04, June 2011
372	ELECTRICAL- CELLS & BATTERIES	Valve Regulated Lead Acid (VRLA) Batteries	Watt-Hour Efficiency	TEC/GR/TX/BAT-001/04, June 2011, CI 5.9
373	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Ceiling Fan	Interchangeability	IS 374, CI.12
374	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Ceiling Fan	Measurement of Power factor and power input	IS 374, CI.14.5
375	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Ceiling Fan	Measurement of speed of the fan	IS 374, CI.14.4
376	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Ceiling Fan	Performance requirement - Air Delivery and service value Test	IS 374, CI.15.1
377	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Ceiling Fan	Safety requirements, Components	IS 374, CI.9, CI.24 of IS 302-2-80
378	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Ceiling Fan	Safety requirements, Creepage Distance & Clearance	IS 374, CI.9, CI.29 of IS 302-2-80
379	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Ceiling Fan	Safety requirements, Heating	IS 374, CI.9, CI.11 of IS 302-2-80
380	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Ceiling Fan	Safety requirements, Internal wiring	IS 374, CI.9, CI.23 of IS 302-2-80



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381	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Ceiling Fan	Safety requirements, Leakage current and Electric strength	IS 374, Cl.9, Cl.16 of IS 302-2-80
382	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Ceiling Fan	Safety requirements, Mechanical Strength	IS 374, Cl.9, Cl.21 of IS 302-2-80
383	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Ceiling Fan	Safety requirements, Moisture resistance test	IS 374, Cl.9, Cl.15 of IS 302-2-80
384	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Ceiling Fan	Safety requirements, Power input and current	IS 374, Cl.9, Cl.10 of IS 302-2-80
385	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Ceiling Fan	Safety requirements, Protection against access to live parts	IS 374, Cl.9, Cl.8 of IS 302-2-80
386	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Ceiling Fan	Safety requirements, Provision for earthing	IS 374, Cl.9, Cl.27 of IS 302-2-80
387	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Ceiling Fan	Safety requirements, Resistance to heat and fire	IS 374, Cl.9, Cl.30 of IS 302-2-80
388	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Ceiling Fan	Safety requirements, Resistance to rusting	IS 374, Cl.9, Cl.31 of IS 302-2-80
389	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Ceiling Fan	Safety requirements, Supply connection and external flexible cords	IS 374, Cl.9, Cl.25 of IS 302-2-80



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390	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Ceiling Fan	Safety requirements, Transient overvoltage	IS 374, Cl.9, Cl.14 of IS 302-2-80
391	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Ceiling Fan	Safety requirements, Leakage current and Electric strength at operating temperature	IS 374, Cl.9, Cl.13 of IS 302-2-80
392	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Ceiling Fan	Safety requirements, Screws and connection	IS 374, Cl.9, Cl.28 of IS 302-2-80
393	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Ceiling Fan	Silent Operation	IS 374, Cl.13
394	ELECTRICAL-DOMESTIC ELECTRICAL APPLIANCES	Electric Ceiling Fan	Starting	IS 374, Cl.11
395	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degrees of protection provided by enclosure(IP Code)	1st characteristic numeral 3	IS/IEC:60529, Cl.13.2
396	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degrees of protection provided by enclosure(IP Code)	1st characteristic numeral 4	IS/IEC:60529, Cl.13.2
397	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degrees of protection provided by enclosure(IP Code)	1st characteristic numeral 5	IS/IEC:60529, Cl.13.4 & 13.5
398	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degrees of protection provided by enclosure(IP Code)	1st characteristic numeral 6	IS/IEC:60529, Cl.13.4 & 13.6
399	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degrees of protection provided by enclosure(IP Code)	2nd characteristic numeral 1	IS/IEC:60529, Cl.14.2.1



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400	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degrees of protection provided by enclosure(IP Code)	2nd characteristic numeral 2	IS/IEC:60529, Cl.14.2.2
401	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degrees of protection provided by enclosure(IP Code)	2nd characteristic numeral 3	IS/IEC:60529, Cl.14.2.3b
402	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degrees of protection provided by enclosure(IP Code)	2nd characteristic numeral 4	IS/IEC:60529, Cl.14.2.4
403	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degrees of protection provided by enclosure(IP Code)	2nd characteristic numeral 5	IS/IEC:60529, Cl.14.2.5
404	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degrees of protection provided by enclosure(IP Code)	2nd characteristic numeral 6	IS/IEC:60529, Cl.14.2.6
405	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degrees of protection provided by enclosure(IP Code)	2nd characteristic numeral 7	IS/IEC:60529, Cl.14.2.7
406	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degrees of protection provided by enclosure(IP Code)	2nd characteristic numeral 8	IS/IEC:60529, Cl.14.2.8
407	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degrees of protection provided by enclosure(IP Code)	1st characteristic numeral 1	IS/IEC:60529, Cl.13.2
408	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degrees of protection provided by enclosure(IP Code)	1st characteristic numeral 2	IS/IEC:60529, Cl.13.2
409	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Product	Sinusoidal Vibration Test	IEC 60068-2-6, Cl. 8
410	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Product	Acceleration (Steady State)	IS 9000 (Part 9, Cl. No. 6)
411	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Product	Damp Heat, steady state	IS 9000 (Part-4, Cl.4)



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412	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Product	Vibration Test (Sinusoidal)	IS 9000 (Part 8, Cl. No. 6.2)
413	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electronics equipment used on rail vehicle	Vibration and shock test	IEC 60571, Cl.12.2.12
414	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	High Capacity Inter-Vehicular Coupler Unit (500 Amps. Rating) for EOG Type AC Coaches/ Power Cars/ Locos.	Degree of Protection Test	RDSO/PE/SPEC/AC/0177(R ev.01), Cl. 7.4.11
415	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	High Capacity Inter-Vehicular Coupler Unit (500 Amps. Rating) for EOG Type AC Coaches/ Power Cars/ Locos.	Test for Withstanding Shock & Vibration	RDSO/PE/SPEC/AC/0177(R ev.01), Cl. 7.4.13
416	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Railway application Rolling Stock Equipment	Functional Random Vibration test	IEC 61373, Cl 8
417	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Railway application Rolling Stock Equipment	Shock Test	IEC 61373, Cl 10
418	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Railway application Rolling Stock Equipment	Simulated long-life testing at increased random vibration levels	IEC 61373, Cl 9
419	ELECTRICAL-INDUCTORS & TRANSFORMERS	Dry Type Transformer	Applied Voltage test	IS 2026 (Part 11, Cl.14.2.5)
420	ELECTRICAL-INDUCTORS & TRANSFORMERS	Dry Type Transformer	Induced voltage withstand test	IS 2026 (Part 11, Cl.14.2.6)
421	ELECTRICAL-INDUCTORS & TRANSFORMERS	Dry Type Transformer	Measurement of No Load Loss & Current	IS 2026 (Part 11, Cl.14.2.4)
422	ELECTRICAL-INDUCTORS & TRANSFORMERS	Dry Type Transformer	Measurement of Short Circuit Impedance and Load Loss	IS 2026 (Part 11, Cl.14.2.3)
423	ELECTRICAL-INDUCTORS & TRANSFORMERS	Dry Type Transformer	Measurement of Voltage ratio & Check of phase displacement	IS 2026 (Part 11, Cl.14.2.2)



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424	ELECTRICAL-INDUCTORS & TRANSFORMERS	Dry Type Transformer	Measurement of Winding Resistance	IS 2026 (Part 11, Cl.14.2.1)
425	ELECTRICAL-INDUCTORS & TRANSFORMERS	Dry Type Transformer	Temperature Rise Test	IS 2026 (Part 11, Cl.14.3.2)
426	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Air Pressure (Routine test)	IS 1180 (Part 1, Cl.21.2(h))
427	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Air Pressure (Type test)	IS 1180 (Part 1, Cl.21.3(d))
428	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Determination of sound level	IS 1180 (Part 1, Cl.21.4(a))
429	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Induced Over Voltage withstand test	IS 1180 (Part 1, Cl.21.2(f))
430	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Magnetic Balance Test	CBIP Publication no. 317
431	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Measurement of Harmonics of the no load current	IS 2026 (Part 1, Cl.10.1.3(g))
432	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Measurement of impedance voltage (principal tapping), short circuit impedance and load loss (At 50% and 100% load)	IS 1180 (Part 1, Cl.21.2(c))
433	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Measurement of insulation resistance	IS 1180 (Part 1, Cl.21.2(e))
434	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Measurement of No load current at 112.5 percent voltage	IS 1180 (Part 1, Cl.21.4(c))



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435	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Measurement of no-load loss and current	IS 1180 (Part 1, Cl.21.2(d))
436	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Measurement of Permissible flux density and over fluxing	IS 1180 (Part 1, Cl.7.9)
437	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Measurement of unbalanced current	CBIP Publication no. 317
438	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Measurement of voltage ratio and check of voltage vector relationship	IS 1180 (Part 1, Cl.21.2(b))
439	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Measurement of Winding resistance	IS 1180 (Part 1, Cl.21.2(a))
440	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Measurement of Zero sequence impedance for 3Ø transformer	IS 2026 (Part 1, Cl.10.1.3(d))
441	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Oil leakage test	IS 1180 (Part 1, Cl.21.2 (j))
442	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Paint adhesion test	IS 1180 (Part 1, Cl.21.4(d))
443	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Polarization Index	CBIP Publication no. 317
444	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Separate Source AC voltage withstand test	IS 1180 (Part 1, Cl.21.2(g))
445	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Temperature Rise Test	IS 1180 (Part 1, Cl.21.3(b))
446	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Vacuum Pressure (Type test)	IS 1180 (Part 1, Cl.21.3(d))



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447	ELECTRONICS-SAFETY TESTING FACILITY	Audio, Video and Electronics Equipments	Device forming a part of the Mains Plug	IS 616, Cl.15.4
448	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipment's	Clearance in circuits conductivity connected to the main	IS 616, Cl.13.3.2
449	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipment's	Determination of Working Voltage	IS 616, Cl.13.2
450	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipment's	Drawer	IS 616, Cl.12.4
451	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipment's	Drop Test	IS 616, Cl.12.1.5
452	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipment's	Electrical connection and mechanical fixings	IS 616, Cl. 17.1,17.2,17.3,17.4 ,17.5,17.6,17.8 & 17.9
453	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipment's	Electrical Shock Hazard	IS 616, Cl. 11.1
454	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipment's	External Flexible cords	IS 616, Cl. 16
455	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipment's	Fixing of actuating Elements	IS 616, Cl. 12.2
456	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipment's	Fragmentation Test	IS 616, Cl. 19.6.2
457	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipment's	Heating	IS 616, Cl. 11.2
458	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipment's	Humidity Treatment	IS 616, Cl. 10.3



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459	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipment's	Impact Test	IS 616, Cl. 12.1.4
460	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipment's	Insulation resistance and Dielectric Strength	IS 616, Cl. 10.4
461	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipment's	Surge Test	IS 616, Cl. 10.2
462	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipments	Batteries	IS 616, Cl. 14.11
463	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipments	Battery Drop Test	IS 616, Cl. 14.11.5
464	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipments	Battery Mould Stress Relief	IS 616, Cl. 14.11.4
465	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipments	Constructional Requirements with regard to the Protection against Electrical Shock	IS 616, Cl. 8.1 to 8.16
466	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipments	Heat Resistance of insulating Material	IS 616, Cl. 7.2
467	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipments	Heating under Normal Operating conditions for accessible parts	IS 616, Cl. 7.1.2
468	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipments	Identification of Supply Voltage	IS 616, Cl. 5.2
469	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipments	Instructions	IS 616, Cl. 5.5



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470	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipments	Jointed Insulation	IS 616, Cl. 13.6
471	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipments	Main Switch	IS 616, Cl. 8.20, 8.19
472	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipments	Marking and Instruction	IS 616, Cl. 5
473	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipments	Motors	IS 616, Cl. 14.10
474	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipments	Parts acting as a support or a mechanical barrier & Winding	IS 616, Cl. 7.1.5, 7.1.4
475	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipments	Parts other than winding, providing Electrical Insulation	IS 616, Cl. 7.1.3
476	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipments	Preset Controls	IS 616, Cl. 9.1.5
477	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipments	Provision for protective earthing	IS 616, Cl.15.2
478	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipments	Remote Control devices held in hand	IS 616, Cl. 12.3
479	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipments	Resistance to external force	IS 616, Cl. 9.1.7
480	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipments	Safety Inter Locks	IS 616, Cl. 14.8
481	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipments	Stress Relief Test	IS 616, Cl. 12.1.6



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482	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipments	Terminals	IS 616, Cl. 9.1.4
483	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipments	Terminals for external flexible cords and for permanent connection	IS 616, Cl.15.3
484	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipments	Vibration Test	IS 616, Cl. 12.1.3
485	ELECTRONICS-SAFETY TESTING FACILITY	Audio,Video and Electronics Equipments	Withdrawal of main Plugs	IS 616, Cl. 9.1.6
486	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Adhesives for Constructional Purposes	IS 13252 (Part 1, Cl.4.6.5)
487	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Batteries	IS 13252 (Part 1, Cl. 4.3.8)
488	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Determination of Working Voltage	IS 13252 (Part 1, Cl. 2.10.2)
489	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Direct Plug in Equipment	IS 13252 (Part 1, Cl. 4.3.6)
490	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Drop Test	IS 13252 (Part 1, Cl. 4.2.6)
491	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Edges and corners	IS 13252 (Part 1, Cl.4.3.1)
492	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Electric Strength	IS 13252 (Part 1, Cl. 5.2)
493	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Electrical Strength Test	IS 13252 (Part 1, Cl. 6.2.2)



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494	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Energy Hazard D.C. Main Supply	IS 13252 (Part 1, Cl. 2.1.1.8)
495	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Handles & Manual Controls	IS 13252 (Part 1, Cl. 4.3.3)
496	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Humidity Condition	IS 13252 (Part 1, Cl. 2.9)
497	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Impact Test	IS 13252 (Part 1, Cl. 4.2.5)
498	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Limited Power Source	IS 13252 (Part 1, Cl. 2.5)
499	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Manual Controls	IS 13252 (Part 1, Cl. 2.1.1.6)
500	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Oil & Grease	IS 13252 (Part 1, Cl.4.3.9)
501	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Over Current and earth fault protection primary Circuit	IS 13252 (Part 1, Cl. 2.7)
502	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Protected in operator access area	IS 13252 (Part 1, Cl. 4.4.2)
503	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Protected in restricted access Location	IS 13252 (Part 1, Cl. 4.4.3)
504	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Protected in service access Location	IS 13252 (Part 1, Cl. 4.4.4)



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505	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Protection of cable distribution system service persons and user of other equipment connected to the system from hazardous voltage in the equipment	IS 13252 (Part 1, Cl. 7.2)
506	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Protection of equipment user from over voltages on the cable distribution system	IS 13252 (Part 1, Cl. 7.3)
507	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Protection of equipments user from overvoltage on Telecommunication network	IS 13252 (Part 1, Cl. 6.2.1)
508	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Protection of Telecommunication network service person and user to network Protection from Hazardous Voltages	IS 13252 (Part 1, Cl. 6.1.1, 6.1.2)
509	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Protection of the Telecommunication wiring system from over heating	IS 13252 (Part 1, Cl. 6.3)
510	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Protection requirements for safety interlocks interlock	IS 13252 (Part 1, Cl. 2.8)
511	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Protective earthing Conductors and protective bonding Conductors	IS 13252 (Part 1, Cl. 2.6)
512	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Resistance to abnormal Heat	IS 13252 (Part 1, Cl.4.5.5)
513	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Resistance to force (Reducing the risk of ignition and spread of flame)	IS 13252 (Part 1, Cl. 4.7.2, 4.7.2.1, 4.7.2.2)



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514	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Securing of Parts	IS 13252 (Part 1, Cl.4.3.4)
515	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Separations from Hazardous Voltages	IS 13252 (Part 1, Cl. 2.3.3)
516	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Steady force Test	IS 13252 (Part 1, Cl. 4.2.1, 4.2.2, 4.2.3, 4.2.4)
517	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Stress Relief Test	IS 13252 (Part 1, Cl. 4.2.7)
518	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Temperature Limits for Materials	IS 13252 (Part 1, Cl. 4.5.3)
519	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Temperature Test	IS 13252 (Part 1, Cl. 4.5.2)
520	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Top, Bottom and Side Opening	IS 13252 (Part 1, Cl.4.6.3, 4.6.4, 4.6.4.1, 4.6.4.2, 4.6.4.3)
521	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Touch Temperature Limits	IS 13252 (Part 1, Cl. 4.5.4)
522	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Class 1 Equipments	Wiring Connection and Supplies	IS 13252 (Part 1, Cl.3)
523	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Equipment's Class 1 product	Access to energized parts	IS 13252 (Part 1, Cl. 2.1.1.1)
524	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Equipment's Class 1 product	Durability Test	IS 13252 (Part 1, Cl.1.7.11)
525	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Equipment's Class 1 product	Marking and Instructions	IS 13252 (Part 1, Cl.1.7)



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526	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Equipment's Class 1 product	Neutral conductor	IS 13252 (Part 1)
527	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Equipment's Class 1 product	Voltage Limit of Hand held equipment	IS 13252 (Part 1)
528	ELECTRONICS-SAFETY TESTING FACILITY	Information Technology Equipment's Class 1 product	Voltage surge test	IS 13252 (Part 1)
529	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material Weldment	Transverse Face and Root Bend Test	IS 3600 (Part 5)
530	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Weldments)	Bend Test	IS 1599
531	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Weldments)	Charpy Impact Test (-60 °C to Ambient)	IS 1757(Part-1)
532	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Weldments)	Percentage Elongation	IS 1608 (Part 1)
533	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Weldments)	Tensile Test (UTS)	IS 1608 (Part 1)
534	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials (Weldments)	Yield Strength	IS 1608 (Part 1)
535	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	End Quench test for Hardenability of steel	IS 3848



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536	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welding Electrodes (Covered)	Coating Ratio	IS 814
537	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welding Electrodes (Covered)	Concentricity of Flux covering	IS 814, IS 1395, IS 5206
538	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welding Electrodes (Covered)	Diffusible Hydrogen Test	IS 11802
539	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welding Electrodes (Covered)	Metal Recovery Test	IS 13043, IS 814, IS 1395, IS 5206
540	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welding Electrodes (Covered/Bare)	Dimensions	IS 6419
541	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welding Electrodes (Covered/Bare)	Dimensions	IS 814, IS 1395, IS 5206
542	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non-Ferrous Materials	Estimation of average Grain Size by comparison method	ASTM E112
543	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non-Ferrous Materials	Examination of Macro-structure	ASM Handbook Vol 9
544	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non-Ferrous Materials	Examination of Microstructure	ASM Handbook Vol 9
545	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials	Case Depth of Steel by Macrostructure Method & Microscopic Method	IS 6416



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546	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials	Decarburized depth of Steel by microscopic method	IS 6396
547	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials	Estimation of average Grain Size of Steel by comparison method	IS 4748
548	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials	Macro Etch Test	IS 11371
549	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials	Non Metallic Inclusion rating by comparison method	IS 4163
550	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials	Sulphur Print Test	IS 12037
551	MECHANICAL-METALLOGRAPHY TEST	Iron Castings with Spheroidal or Nodular Graphite	Microstructure-Metallographic test to check the nodularity of graphite	IS 7754 (Part 1)
552	MECHANICAL-METALLOGRAPHY TEST	Metallic Material (Ferrous & Non-ferrous)	Coating Thickness Measurement (Microscopic Method)	IS 3203
553	NON-DESTRUCTIVE-METALS & ALLOYS	Butt Welded Steel Pipe	Radiography Test (X-Ray)	IS 4853
554	NON-DESTRUCTIVE-METALS & ALLOYS	Butt Welded Steel Plates	Radiography Test (X-Ray)	IS 1182
555	NON-DESTRUCTIVE-METALS & ALLOYS	Butt Welds in Ferritic Steel	Ultrasonic Testing (Contact Method)	IS 4260
556	NON-DESTRUCTIVE-METALS & ALLOYS	Castings and Weld Joints	Surface Flaws Detection (For detection of open to surface indications)	IS 3658
557	NON-DESTRUCTIVE-METALS & ALLOYS	Ferritic Steel Castings	Ultrasonic Testing (Contact Method)	IS 7666
558	NON-DESTRUCTIVE-METALS & ALLOYS	Ferritic Steel Forgings	Ultrasonic Testing (Contact Method)	IS 8791



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559	NON-DESTRUCTIVE-METALS & ALLOYS	Ferro-Magnetic Material	Magnetic particle Testing (Yoke Method)	ASTM E 709
560	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non ferrous materials, alloys & products	Liquid Penetrant Test	ASME BPVC Sec V, SE-165
561	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Materials	Surface Flaws Detection (For Detection of surface and sub surface indications)	IS 3703
562	NON-DESTRUCTIVE-METALS & ALLOYS	Metallic Material (Castings)	Radiography Test (X-Ray)	ASTM E1030
563	NON-DESTRUCTIVE-METALS & ALLOYS	Metallic Material (Ferro-Magnetic)	Coating Thickness Measurement (Magnetic Method)	IS 3203
564	NON-DESTRUCTIVE-METALS & ALLOYS	Metallic Material (Ferrous & Non-ferrous)	Coating Thickness Measurement (Magnetic Method & Eddy Current Method)	ASME BPVC Sec V, SD-7091
565	NON-DESTRUCTIVE-METALS & ALLOYS	Metallic Material (Weld Joints)	Ultrasonic Testing (Contact Method)	ASTM E164
566	NON-DESTRUCTIVE-METALS & ALLOYS	Metallic Material (Weldments)	Radiography Test (X-Ray)	ASTM E1032
567	NON-DESTRUCTIVE-METALS & ALLOYS	Metallic Material (Welds, Plate, Forgings)	Ultrasonic Testing (Contact Method)	ASTM E114
568	NON-DESTRUCTIVE-METALS & ALLOYS	Metallic Material (Welds, Plate, Forgings)	Ultrasonic Testing (Contact Method)	IS 3664
569	NON-DESTRUCTIVE-METALS & ALLOYS	Metals & Alloys	Coating Thickness measurement (For Anodic coating and paint coating thickness measurement on non-ferrous base)	IS 6012
570	NON-DESTRUCTIVE-METALS & ALLOYS	Steel Flat Products	Ultrasonic Testing (Contact Method)	IS 4225
571	NON-DESTRUCTIVE-METALS & ALLOYS	Steel Products	Thickness measurement	ASME Sec V, SE 797



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572	NON-DESTRUCTIVE-METALS & ALLOYS	Weldments & Castings (Ferrous & Non-ferrous)	Radiography Test (X-Ray)	ASTM E94
573	NON-DESTRUCTIVE-METALS & ALLOYS	Weldments & Castings (Ferrous & Non-ferrous)	Radiography Testing (For Detection of surface and sub surface indications by X-Ray only)	IS 2595



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Site Testing				
1	ELECTRICAL-INDUCTORS & TRANSFORMERS	Dry Type Transformer	Applied Voltage test	IS 2026 (Part 11, Cl.14.2.5)
2	ELECTRICAL-INDUCTORS & TRANSFORMERS	Dry Type Transformer	Induced voltage withstand test	IS 2026 (Part 11, Cl.14.2.6)
3	ELECTRICAL-INDUCTORS & TRANSFORMERS	Dry Type Transformer	Measurement of No Load Loss & Current	IS 2026 (Part 11, Cl.14.2.4)
4	ELECTRICAL-INDUCTORS & TRANSFORMERS	Dry Type Transformer	Measurement of Short Circuit Impedance and Load Loss	IS 2026 (Part 11, Cl.14.2.3)
5	ELECTRICAL-INDUCTORS & TRANSFORMERS	Dry Type Transformer	Measurement of Voltage ratio & Check of phase displacement	IS 2026 (Part 11, Cl.14.2.2)
6	ELECTRICAL-INDUCTORS & TRANSFORMERS	Dry Type Transformer	Measurement of Winding Resistance	IS 2026 (Part 11, Cl.14.2.1)
7	ELECTRICAL-INDUCTORS & TRANSFORMERS	Dry Type Transformer	Temperature Rise Test	IS 2026 (Part 11, Cl.14.3.2)
8	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Air Pressure (Routine test)	IS 1180 (Part 1, Cl.21.2(h))
9	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Air Pressure (Type test)	IS 1180 (Part 1, Cl.21.3(d))
10	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Determination of sound level	IS 1180 (Part 1, Cl.21.4(a))
11	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Induced Over Voltage withstand test	IS 1180 (Part 1, Cl.21.2(f))



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12	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Magnetic Balance Test	CBIP Publication no. 317
13	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Measurement of Harmonics of the no load current	IS 2026 (Part 1, Cl.10.1.3(g))
14	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Measurement of impedance voltage (principal tapping), short circuit impedance and load loss (At 50% and 100% load)	IS 1180 (Part 1, Cl.21.2(c))
15	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Measurement of insulation resistance	IS 1180 (Part 1, Cl.21.2(e))
16	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Measurement of No load current at 112.5 percent voltage	IS 1180 (Part 1, Cl.21.4(c))
17	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Measurement of no-load loss and current	IS 1180 (Part 1, Cl.21.2(d))
18	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Measurement of Permissible flux density and over fluxing	IS 1180 (Part 1, Cl.7.9)
19	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Measurement of unbalanced current	CBIP Publication no. 317
20	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Measurement of voltage ratio and check of voltage vector relationship	IS 1180 (Part 1, Cl.21.2(b))
21	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Measurement of Winding resistance	IS 1180 (Part 1, Cl.21.2(a))



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22	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Measurement of Zero sequence impedance for 3Ø transformer	IS 2026 (Part 1, Cl.10.1.3(d))
23	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Oil leakage test	IS 1180 (Part 1, Cl.21.2 (j))
24	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Paint adhesion test	IS 1180 (Part 1, Cl.21.4(d))
25	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Polarization Index	CBIP Publication no. 317
26	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Separate Source AC voltage withstand test	IS 1180 (Part 1, Cl.21.2(g))
27	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Temperature Rise Test	IS 1180 (Part 1, Cl.21.3(b))
28	ELECTRICAL-INDUCTORS & TRANSFORMERS	Outdoor/Indoor type oil immersed distribution transformer upto and including 2500 kVA	Vacuum Pressure (Type test)	IS 1180 (Part 1, Cl.21.3(d))
29	ELECTRICAL-INDUCTORS & TRANSFORMERS	Power Transformers upto 10MVA, 33kV Class	Measurement of short-circuit impedance and load loss	IS 2026 (Part 1, Cl.10.1.1(c))
30	ELECTRICAL-INDUCTORS & TRANSFORMERS	Power Transformers upto 10MVA, 33kV Class	Air Pressure (Type test)	CBIP Publication no. 317
31	ELECTRICAL-INDUCTORS & TRANSFORMERS	Power Transformers upto 10MVA, 33kV Class	Determination of sound levels	IS 2026 (Part 1, Cl.10.1.3(f))
32	ELECTRICAL-INDUCTORS & TRANSFORMERS	Power Transformers upto 10MVA, 33kV Class	Dielectric routine tests	IS 2026 (Part 1, Cl. 10.1.1(e))



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33	ELECTRICAL-INDUCTORS & TRANSFORMERS	Power Transformers upto 10MVA, 33kV Class	Magnetic Balance Test	CBIP Publication no. 317
34	ELECTRICAL-INDUCTORS & TRANSFORMERS	Power Transformers upto 10MVA, 33kV Class	Measurement of insulation resistance to earth of the windings	IS 2026 (Part 1, Cl. 10.1.3(j))
35	ELECTRICAL-INDUCTORS & TRANSFORMERS	Power Transformers upto 10MVA, 33kV Class	Measurement of no-load loss and current	IS 2026 (Part 1, Cl. 10.1.1(d))
36	ELECTRICAL-INDUCTORS & TRANSFORMERS	Power Transformers upto 10MVA, 33kV Class	Measurement of the harmonics of the no-load current	IS 2026 (Part 1, Cl.10.1.3(g))
37	ELECTRICAL-INDUCTORS & TRANSFORMERS	Power Transformers upto 10MVA, 33kV Class	Measurement of unbalanced current	CBIP Publication no. 317
38	ELECTRICAL-INDUCTORS & TRANSFORMERS	Power Transformers upto 10MVA, 33kV Class	Measurement of voltage ratio and check of phase displacement	IS 2026 (Part 1, Cl.10.1.1(b))
39	ELECTRICAL-INDUCTORS & TRANSFORMERS	Power transformers upto 10MVA, 33kV Class	Measurement of winding resistance	IS 2026 (Part 1, Cl.10.1.1(a))
40	ELECTRICAL-INDUCTORS & TRANSFORMERS	Power Transformers upto 10MVA, 33kV Class	Measurement of zero-sequence impedance(s) on three-phase transformers	IS 2026 (Part 1, Cl.10.1.3(d))
41	ELECTRICAL-INDUCTORS & TRANSFORMERS	Power Transformers upto 10MVA, 33kV Class	Polarization Index Test	CBIP Publication no. 317
42	ELECTRICAL-INDUCTORS & TRANSFORMERS	Power Transformers upto 10MVA, 33kV Class	Temperature-rise test	IS 2026 (Part 1, Cl.10.1.2(a))