



(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

SGS INDIA PRIVATE LIMITED, TESTING LABORATORY - TRANSPORTATION, GAT NO.624/2, VILLAGE KURULI, TAL. KHED, PUNE, MAHARASHTRA , INDIA **Laboratory Name**

ISO/IEC 17025:2017 **Accreditation Standard**

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S.No	Discipline / Group	Products tested parameter or characteristic against wl tested / Specific are perfor Test Performed /		Test Method Specification against which are performed or the technic equipment u	eation which tests ormed and / echniques /	
1	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Bismuth	A	STM E125	51: 2017
2	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Bismuth	IS	S 11035: 1	984 (RA 2000)
3	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Chromium	IS	S 11035: 1	984 (RA 2000)
4	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Chromium		ASTM E1251: 2017	
5	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Copper		IS 11035: 1984	
6	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Copper		ASTM E1251: 2017	
7	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Iron	IS	IS 11035: 1984 (RA 2000)	
8	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Iron	A	ASTM E1251: 2017	
9	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Lead	A	STM E125	51: 2017
10	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Lead	IS	S 11035: 1	984 (RA 2000)
11	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Magnesium		ASTM E1251: 2017	
12	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Magnesium		IS 11035: 1984 (RA 2000)	
13	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Manganese	IS	S 11035: 1	984 (RA 2000)





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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 Methor Specific against what are perform or the tech equipment		d and / lues /	
14	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Manganese	AST	TM E125	1: 2017
15	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Nickel	AST	TM E125	1: 2017
16	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Nickel	IS 1	11035: 19	984 (RA 2000)
17	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Silicon		IS 11035: 1984 (RA 2000)	
18	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Silicon		ASTM E1251: 2017	
19	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Tin		ASTM E1251: 2017	
20	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Tin	IS 1	IS 11035: 1984 (RA 2000)	
21	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Titanium	IS 1	IS 11035: 1984 (RA 2000)	
22	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Titanium	AST	TM E125	1: 2017
23	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Zinc	IS 1	11035: 19	984 (RA 2000)
24	CHEMICAL- METALS & ALLOYS	Aluminium Alloys	Zinc		ASTM E1251: 2017	
25	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon		ASTM E1999: 2018	
26	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	IS 1	15338: 20	003 (RA 2018)





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S.No	Discipline / Group	Materials or Products tested	characteristic against w		ion nich tests med and / nniques /		
27	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium		ASTM E199	99: 2018	
28	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium		IS 15338: 2	003 (RA 2018)	
29	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper		IS 15338: 2	003 (RA 2018)	
30	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	Copper		ASTM E1999: 2018	
31	CHEMICAL- METALS & ALLOYS	Cast Iron	Magnesium		IS 15338: 2003 (RA 2018)		
32	CHEMICAL- METALS & ALLOYS	Cast Iron	Magnesium		ASTM E1999: 2018		
33	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese		IS 15338: 2003 (RA 2018)		
34	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese		ASTM E199	99: 2018	
35	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum		IS 15338: 2	003 (RA 2018)	
36	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum		ASTM E199	99: 2018	
37	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	Nickel		003 (RA 2018)	
38	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	Nickel		ASTM E1999: 2018	
39	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus		IS 15338: 2	003 (RA 2018)	





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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 Methors Specification against what are performed or the technique of	ion nich tests med and / nniques /		
40	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus		ASTM E199	99: 2018	
41	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon		IS 15338: 20	003 (RA 2018)	
42	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon		ASTM E199	9: 2018	
43	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	Sulphur		ASTM E1999: 2018	
44	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	Sulphur		IS 15338: 2003 (RA 2018)	
45	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	Vanadium		003 (RA 2018)	
46	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium		ASTM E1999: 2018		
47	CHEMICAL- METALS & ALLOYS	Copper Alloys	Aluminium		BS EN 15079: 2015		
48	CHEMICAL- METALS & ALLOYS	Copper Alloys	Arsenic		BS EN 1507	79: 2015	
49	CHEMICAL- METALS & ALLOYS	Copper Alloys	Iron		BS EN 1507	79: 2015	
50	CHEMICAL- METALS & ALLOYS	Copper Alloys	Lead	Lead		BS EN 15079: 2015	
51	CHEMICAL- METALS & ALLOYS	Copper Alloys	Manganese	Manganese		BS EN 15079: 2015	
52	CHEMICAL- METALS & ALLOYS	Copper Alloys	Nickel		BS EN 1507	79: 2015	





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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 Meth Specificat against whare perfor or the tech equipmen	ion hich tests med and / hniques /		
53	CHEMICAL- METALS & ALLOYS	Copper Alloys	Phosphorus		BS EN 1507	79: 2015	
54	CHEMICAL- METALS & ALLOYS	Copper Alloys	Silicon		BS EN 1507	79: 2015	
55	CHEMICAL- METALS & ALLOYS	Copper Alloys	Tin		BS EN 1507	79: 2015	
56	CHEMICAL- METALS & ALLOYS	Copper Alloys	Zinc		BS EN 15079: 2015		
57	CHEMICAL- METALS & ALLOYS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Hexavalent Chromium		IEC 62321-	7-1: 2015	
58	CHEMICAL- METALS & ALLOYS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Hexavalent Chromium		US EPA 30	60A: 1996	
59	CHEMICAL- METALS & ALLOYS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Hexave Chromium			US EPA 7196A: 1992	
60	CHEMICAL- METALS & ALLOYS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Total Cadmium Content		US EPA 3051A: 2007		
61	CHEMICAL- METALS & ALLOYS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Total C Content	Cadmium	US EPA 30	52: 1996	





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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 Meth Specificat against w are perfor or the tecl equipmen	ion hich tests med and / hniques /	
62	CHEMICAL- METALS & ALLOYS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Total C Content	Cadmium	US EPA 3050B: 1996	
63	CHEMICAL- METALS & ALLOYS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Total Cadmium Content		IEC 62321-5: 2013	
64	CHEMICAL- METALS & ALLOYS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Total Cadmium Content		CPSC-CH-E1001-8.3: 2012	
65	CHEMICAL- METALS & ALLOYS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Total Chromium Content		IEC 62321-5: 2013	
66	CHEMICAL- METALS & ALLOYS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Total C Content	Chromium	US EPA 3052: 1996	
67	CHEMICAL- METALS & ALLOYS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Total Chromium Content		US EPA 3050B: 1996	
68	CHEMICAL- METALS & ALLOYS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Total C Content	Chromium	US EPA 3051A: 2007	





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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 Meth Specificat against wl are perfor or the tech equipmen	ion hich tests med and / nniques /	
69	CHEMICAL- METALS & ALLOYS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Total L	ead Content	US EPA 30	52: 1996
70	CHEMICAL- METALS & ALLOYS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Total L	ead Content	CPSC-CH-I	E1001-8.3: 2012
71	CHEMICAL- METALS & ALLOYS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Total L	ead Content	US EPA 30	50B: 1996
72	CHEMICAL- METALS & ALLOYS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Total L	ead Content	US EPA 30	51A: 2007
73	CHEMICAL- METALS & ALLOYS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Total Lead Content I		IEC 62321-5: 2013	
74	CHEMICAL- METALS & ALLOYS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Total M Content	Mercury	US EPA 30	51A: 2007
75	CHEMICAL- METALS & ALLOYS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Total M Content	lercury	US EPA 30	52: 1996





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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 Meth Specificat against whare perfor or the tech equipmen	ion hich tests med and / hniques /	
76	CHEMICAL- METALS & ALLOYS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Total N Content	lercury	IEC 62321-4	4: 2017
77	CHEMICAL- METALS & ALLOYS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Flame Retardants - PBE (Polybrominated Biphen Monobromobiphenyl Dibromobiphenyl Tribror Tetrabromobiphenyl Pentabromobiphenyl Hexabromobiphenyl Heptabromobiphenyl Octabromobiphenyl Nonabromobiphenyl Decabromobiphenyl	yl)	US EPA 354	40C: 1996
78	CHEMICAL- METALS & ALLOYS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Flame Retardants - PBE (Polybrominated Biphen Monobromobiphenyl Dibromobiphenyl Tribror Tetrabromobiphenyl Pentabromobiphenyl Hexabromobiphenyl Heptabromobiphenyl Octabromobiphenyl Nonabromobiphenyl Decabromobiphenyl	yl)	IEC 62321-6	5: 2015





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Laboratory Name SGS INDIA PRIVATE LIMITED, TESTING LABORATORY - TRANSPORTATION, GAT

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S.No	Products tested parameter or characteristic against we tested / Specific are performed / or the tested / or the tes		Test Meth Specificat against wl are perfor or the tech equipmen	ion hich tests med and / nniques /		
79	CHEMICAL- METALS & ALLOYS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Flame Retardants - PBDE (Polybrominated Diphenyl Ether) Monobromodiphenyl etherDibromodiphenyl etherTribromodiphenyl etherTetrabromodiphenyl etherPentabromodiphenyl etherHexabromodiphenyl etherHeptabromodiphenyl etherOctabromodiphenyl etherNonabromodiphenyl etherDecabromodiphenyl		US EPA 35	40C: 1996
80	CHEMICAL- METALS & ALLOYS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	etherDecabromodiphenyl ether Flame Retardants - PBDE (Polybrominated Diphenyl Ether) Monobromodiphenyl etherDibromodiphenyl etherTribromodiphenyl etherTetrabromodiphenyl etherPentabromodiphenyl etherHexabromodiphenyl etherHexabromodiphenyl etherOctabromodiphenyl etherNonabromodiphenyl etherNonabromodiphenyl etherDecabromodiphenyl		IEC 62321-	6: 2015
81	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Aluminium		IS 8811: 19	98 (RA 2018)
82	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Aluminium		ASTM E415	5: 2017
83	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Boron		ASTM E415: 2017	





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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 are performed or the technic equipment us	n tests d and / ques /	
84	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Boron	IS 8	8811: 199	98 (RA 2018)
85	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon	AS	STM E415	i: 2017
86	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon	IS 8	8811: 199	98 (RA 2018)
87	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Chromium I		IS 8811: 1998 (RA 2018)	
88	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Chromium		ASTM E415: 2017	
89	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Copper		ASTM E415: 2017	
90	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Copper	IS 8	IS 8811: 1998 (RA 2018)	
91	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Lead	AS	ASTM E415: 2017	
92	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Lead	IS 8	8811: 199	98 (RA 2018)
93	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese	AS	TM E415	i: 2017
94	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese		IS 8811: 1998 (RA 2018)	
95	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum		ASTM E415: 2017	
96	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum	IS 8	8811: 199	98 (RA 2018)





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S.No	Discipline / Group	Materials or Products tested			ion nich tests med and / nniques /		
97	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nickel			98 (RA 2018)	
98	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nickel		ASTM E415	5: 2017	
99	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Niobium		IS 8811: 19	98 (RA 2018)	
100	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Niobium	Niobium /		ASTM E415: 2017	
101	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorous		ASTM E415: 2017		
102	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorous		IS 8811: 1998 (RA 2018)		
103	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon		ASTM E415: 2017		
104	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon		IS 8811: 1998 (RA 2018)		
105	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulphur		ASTM E415	5: 2017	
106	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulphur		IS 8811: 19	98 (RA 2018)	
107	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Titanium	Titanium		5: 2017	
108	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Titanium		IS 8811: 1998 (RA 2018)		
109	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Vanadium		IS 8811: 19	98 (RA 2018)	





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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	parameter or characteristic tested / Specific are perfor or the tech Tests or type of Specificat against white are perfor or the tech equipmen		
110	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Vanadium		ASTM E415	5: 2017
111	CHEMICAL- METALS & ALLOYS	Metallic components	Arsenic		In house Me T01-QU-04	ethods : SO-IN-TRP- 2: 2019
112	CHEMICAL- METALS & ALLOYS	Metallic components	Copper			ethods : SO-IN-TRP- 2: 2019
113	CHEMICAL- METALS & ALLOYS	Metallic components			In house Methods : SO-IN-TRP- T01-QU-042: 2019	
114	CHEMICAL- METALS & ALLOYS	Metallic components	1 31 111		In house Methods : SO-IN-TRP- T01-QU-042: 2019	
115	CHEMICAL- METALS & ALLOYS	Metallic components	Molybdenum		In house Methods : SO-IN-TRP- T01-QU-042: 2019	
116	CHEMICAL- METALS & ALLOYS	Metallic components	Nickel		In house Methods : SO-IN-TRP- T01-QU-042: 2019	
117	CHEMICAL- METALS & ALLOYS	Metallic components	Titanium		In house Methods : SO-IN-TRP- T01-QU-041: 2019	
118	CHEMICAL- METALS & ALLOYS	Metallic components	Zinc		In house Me T01-QU-04	ethods : SO-IN-TRP- 2: 2019
119	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium		ASTM E108	36: 2014
120	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium		IS 9879: 1998 (RA 2015)	
121	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon		ASTM E1086: 2014	
122	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon		IS 9879: 1998 (RA 2015)	





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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	er or Specification against who specific formed / or the tech equipment			
123	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium		IS 9879: 19	98 (RA 2015)	
124	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium		ASTM E108	36: 2014	
125	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt		ASTM E108	36: 2014	
126	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	Cobalt		IS 9879: 1998 (RA 2015)	
127	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper		ASTM E1086: 2014		
128	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper		IS 9879: 1998 (RA 2015)		
129	CHEMICAL- METALS & ALLOYS	Stainless Steel	Lead		ASTM E108	36: 2014	
130	CHEMICAL- METALS & ALLOYS	Stainless Steel	Lead		IS 9879: 19	98 (RA 2015)	
131	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese		ASTM E108	36: 2014	
132	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese		IS 9879: 19	98 (RA 2015)	
133	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum		IS 9879: 19	98 (RA 2015)	
134	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum		ASTM E1086: 2014		
135	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel		IS 9879: 19	98 (RA 2015)	





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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 Methor Specification against what are performed or the technology.	on nich tests med and / nniques /		
136	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel		ASTM E108	36: 2014	
137	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium		IS 9879: 19	98 (RA 2015)	
138	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium		ASTM E108	86: 2014	
139	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	Nitrogen A		ASTM E1086: 2014	
140	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen		IS 9879: 1998 (RA 2015)		
141	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus		IS 9879: 1998 (RA 2015)		
142	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus		ASTM E108	36: 2014	
143	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon		IS 9879: 19	98 (RA 2015)	
144	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon		ASTM E108	36: 2014	
145	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur		IS 9879: 19	98 (RA 2015)	
146	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	Sulphur		ASTM E1086: 2014	
147	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	Titanium		ASTM E1086: 2014	
148	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium		IS 9879: 19	98 (RA 2015)	





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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 Methors Specificat against what are performed or the technique of the	ion nich tests med and / nniques /	
149	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium		ASTM E108	36: 2014
150	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium		IS 9879: 19	98 (RA 2015)
151	CHEMICAL- METALS & ALLOYS	Tool Steel	Carbon			ethod:SO-IN-TRP-T01- 018
152	CHEMICAL- METALS & ALLOYS	Tool Steel	3		In House Method:SO-IN-TRP-T01- QU-017: 2018	
153	CHEMICAL- METALS & ALLOYS	Tool Steel	Silicon		In House Method: SO-IN-TRP-T01- QU-017: 2018	
154	CHEMICAL- METALS & ALLOYS	Tool Steel	Chromium		In House Method: SO-IN-TRP-T01- QU-017: 2018	
155	CHEMICAL- METALS & ALLOYS	Tool Steel	Cobalt		In House M QU-017 : 20	ethod: SO-IN-TRP-T01- 018
156	CHEMICAL- METALS & ALLOYS	Tool Steel	Molybdenum		In House M QU-017 : 20	ethod: SO-IN-TRP-T01- 018
157	CHEMICAL- METALS & ALLOYS	Tool Steel	Phosphorous		In House M QU-017: 20	ethod: SO-IN-TRP-T01- 18
158	CHEMICAL- METALS & ALLOYS	Tool Steel	Sulphur		In House M QU-017 : 20	ethod: SO-IN-TRP-T01- 018
159	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten		In House M QU-017 : 20	ethod: SO-IN-TRP-T01- 018
160	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium		In House Method: SO-IN-TRP-T01- QU-017 : 2018	
161	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Aluminium		ASTM E536	3: 2016





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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	meter or acteristic against whead / Specific are performed / sor type of Specification and are performed or the technical street or the technical street or against what are performed or the technical street or against what are performed or the technical street or against what are performed or the technical street or against what are performed or the technical street or against what are performed or the technical street or against what are performed or the technical street or against what are performed or the technical street or against what are performed or the technical street or against what are performed or the technical street or against what are performed or the technical street or against what are performed or the technical street or			
162	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Aluminium		IS 2599: 19	83 (RA 2000)	
163	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Cadmium		ASTM E536	3: 2016	
164	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Cadmium		IS 2599: 19	83 (RA 2000)	
165	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Chromium		ASTM E536: 2016		
166	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Chromium		IS 2599: 1983 (RA 2000)		
167	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Copper		ASTM E536: 2016		
168	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Copper		IS 2599: 1983 (RA 2000)		
169	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Iron		ASTM E536	3: 2016	
170	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Iron		IS 2599: 19	83 (RA 2000)	
171	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Lead		IS 2599: 19	83 (RA 2000)	
172	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Lead	Lead		ASTM E536: 2016	
173	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Magnesium	Magnesium		IS 2599: 1983 (RA 2000)	
174	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Magnesium		ASTM E536	5: 2016	





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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	eter or type of Specificati against where are performed / specific or the technology of the technology			
175	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Manganese		IS 2599: 19	83 (RA 2000)	
176	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Manganese		ASTM E536	3: 2016	
177	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Nickel		ASTM E536	3: 2016	
178	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Nickel		IS 2599: 19	IS 2599: 1983 (RA 2000)	
179	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Silicon		IS 2599: 1983 (RA 2000)		
180	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Silicon		ASTM E536: 2016		
181	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Tin		IS 2599: 1983 (RA 2000)		
182	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Tin		ASTM E536: 2016		
183	CHEMICAL- PAINTS & SURFACE COATING	Painted / Coated Items	Determination of Cadmiu & Other Surface coatings	•	SO-IN- TRF date 6/4/20	P-T01-QU-028 ,: Issue 18	
184	CHEMICAL- PAINTS & SURFACE COATING	Painted / Coated Items	Determination of Lead in Other Surface Coating	Paint &	ASTM E161	3: 2012	
185	CHEMICAL- PAINTS & SURFACE COATING	Painted / Coated Items	Determination of Lead in Paint & Other Surface Coating		CPSC-CH-	E1003-09: 2011	
186	CHEMICAL- PAINTS & SURFACE COATING	Painted / Coated Items	Determination of Total Lead in liquid paint		CPSC-CH-E1003-09: 2011		
187	CHEMICAL- PAINTS & SURFACE COATING	Painted / Coated Items	Determination of Total Lead in liquid paint		ASTM E1613: 2012		





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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 Specific against whi are perform or the techr equipment tests performed		ion hich tests med and / hniques /	
188	CHEMICAL- PLASTIC & RESINS	Automotive components - Interior Parts	VOC (Volatile Organic Compounds) : AcetaldehydeAcrolineAcetonePropi naldehydeCrotonaldehydeMethacrol eine2- ButanoneButyraldehydeBenzaldehy deValreraldehydeM- TolaldehydeHexaldehyde		G-00-1730: 2015	
189	CHEMICAL- PLASTIC & RESINS	Automotive components - Interior Parts	VOC (Volatile Organic Compounds) : TolueneEthyl benzeneM-P- XyleneO- XyleneStyreneBenzeneTVOC		ISO 12219 (Part-3): 2012	
190	CHEMICAL- PLASTIC & RESINS	Automotive components - Interior Parts	VOC (Volatile Organic Compounds) : TolueneEthyl benzeneM-P- XyleneO- XyleneStyreneBenzeneTVOC		G-00-1736:	2016
191	CHEMICAL- PLASTIC & RESINS	Automotive components - Interior Parts	VOC (Volatile Organic Compounds) : Acetaldehyde, Acroline, Acetone, Propinaldehyde, Crotonaldehyde, Methacroleine, 2-Butanone, Butyraldehyde, Benzaldehyde, Valreraldehyde, M-Tolaldehyde, Hexaldehyde		ISO 12219 (Part-3): 2012	
192	CHEMICAL- PLASTIC & RESINS	Automotive components - Interior Parts	VOC (Volatile Organic Compounds) : Formaldehyde		G-00-1730:	2015
193	CHEMICAL- PLASTIC & RESINS	Automotive components - Interior Parts	VOC (Volatile Organic Compounds) : Formaldehyde		ISO 12219	(Part-3): 2012





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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	or Specificati against who certific or the techype of Specificati against who are performed / or the techype of Specificati against who are performed specification.		
194	CHEMICAL- PLASTIC & RESINS	Automotive Components - Interior Parts	VOC (Volatile Organic Compounds)FormaldehydeAcetalde hydeToluene Total Xylene EthylbenzeneStyreneBenzenen- tetradecanep- dichlorobenzeneacrolineTVOC		JASO M902 : 2011	
195	CHEMICAL- PLASTIC & RESINS	Automotive Components - Interior Parts			SES N 2403(article): 2013	
196	CHEMICAL- PLASTIC & RESINS	Automotive Components - Interior Parts			ISO 12219-	2 : 2012
197	CHEMICAL- PLASTIC & RESINS	Automotive Components - Interior Parts	VOC (Volatile Organic Compounds)FormaldehydeAcetalde hydeToluene Total Xylene EthylbenzeneStyreneBenzenen- tetradecanep- dichlorobenzeneacrolineTVOC		NES M0402: 2013	
198	CHEMICAL- PLASTIC & RESINS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Hexava Chromium	alent	US EPA 71	96A: 1992





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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 Methorspecificate against what are performed or the technique equipments.	ion nich tests med and / nniques /	
199	CHEMICAL- PLASTIC & RESINS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Hexavalent II Chromium		IEC 62321-7-2: 2017	
200	CHEMICAL- PLASTIC & RESINS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Total Cadmium Content		IEC 62321-5: 2013	
201	CHEMICAL- PLASTIC & RESINS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Total Chromium Content		IEC 62321-5: 2013	
202	CHEMICAL- PLASTIC & RESINS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Total Lead Content		IEC 62321-5: 2013	
203	CHEMICAL- PLASTIC & RESINS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Determination of Total M Content	lercury	IEC 62321-4: 2017	
204	CHEMICAL- PLASTIC & RESINS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Di-2-ethyl hexyl Phthalate (DeHP)		IEC 62321-8: 2017	
205	CHEMICAL- PLASTIC & RESINS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Dibutyl Phthalate (DBP)		IEC 62321-8: 2017	





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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Test Metho Specification against which is a performed / Test Specification against which is a performed / Test Metho Specification against which is a performed Test Performed		ion hich tests med and / nniques /		
206	CHEMICAL- PLASTIC & RESINS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)			IEC 62321-i	3: 2017	
207	CHEMICAL- PLASTIC & RESINS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Diisodecyl Phthalate (DiDP)		IEC 62321-i	IEC 62321-8: 2017	
208	CHEMICAL- PLASTIC & RESINS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Diisononyl Phthalate (DiNP)		IEC 62321-i	3: 2017	
209	CHEMICAL- PLASTIC & RESINS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Di-n-octyl Phthalate (DnOP)		IEC 62321-i	3: 2017	
210	CHEMICAL- PLASTIC & RESINS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Flame Retardants - PBB (Polybrominated Biphenyl) Monobromobiphenyl Dibromobiphenyl Tribromobiphenyl Tetrabromobiphenyl Pentabromobiphenyl Hexabromobiphenyl Heptabromobiphenyl Octabromobiphenyl Nonabromobiphenyl Decabromobiphenyl		IEC 62321-6: 2015		





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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 Methor Specificat against what are perfor or the tech equipmen	ion hich tests med and / nniques /	
211	CHEMICAL- PLASTIC & RESINS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	Flame Retardants - PBD (Polybrominated Dipheny Monobromodiphenyl ether Dibromodiphenyl ether Tribromodiphenyl ether Tetrabromodiphenyl ether Pentabromodiphenyl ether Hexabromodiphenyl ether Heptabromodiphenyl ether Octabromodiphenyl ether Nonabromodiphenyl ether Decabromodiphenyl ether Decabromodiphenyl ether Decabromodiphenyl ether Decabromodiphenyl ether PBD (PD)	er er er er er er er	IEC 62321-	6: 2015
212	CHEMICAL- PLASTIC & RESINS	Electro-Technical Products Restriction of Hazardous Substances (ROHS)	HBCCD (Hexa Bromo Cyclo		In house Methods : SO-IN-TRP- T01-QU-025, : 2018	
213	CHEMICAL- PLASTIC & RESINS	Equipments of vehicle passenger compartment	VOC (Volatile Organic Color : AcetaldehydeAcrolineAcro	etonePropi deMethacrol Benzaldehy	Renault-D4	0 3004/A: 2011





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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 Metho Specific against whi are perform or the techn equipment		tion hich tests med and / hniques /	
214	CHEMICAL- PLASTIC & RESINS	Equipments of vehicle passenger compartment	VOC (Volatile Organic Compounds): AcetaldehydeAcrolineAcetonePropi naldehydeCrotonaldehydeMethacrol eine2- ButanoneButyraldehydeBenzaldehy deValreraldehydeM- TolaldehydeHexaldehyde			116 V1.0: 2018
215	CHEMICAL- PLASTIC & RESINS	Equipments of vehicle passenger compartment	VOC (Volatile Organic Compounds) : TolueneEthyl benzeneM-P- XyleneO- XyleneStyreneBenzeneTVOC		D42 3109 /C: 2016	
216	CHEMICAL- PLASTIC & RESINS	Equipments of vehicle passenger compartment			RNES-B-20	116 V1.0: 2018
217	CHEMICAL- PLASTIC & RESINS	Equipments of vehicle passenger compartment	VOC (Volatile Organic C : Formaldehyde	Compounds)	Renault-D40 3004/A: 2011	
218	CHEMICAL- PLASTIC & RESINS	Equipments of vehicle passenger compartment	VOC (Volatile Organic C : Formaldehyde	Compounds)	RNES-B-20	116 V1.0: 2018
219	CHEMICAL- PLASTIC & RESINS	Plastic Products	Determination of Total C	Cadmium	BS EN 1122	2: 2001
220	CHEMICAL- PLASTIC & RESINS	Polymer part	Arsenic		In house Methods : SO-IN-TRP- T01-QU-042: 2019	
221	CHEMICAL- PLASTIC & RESINS	Polymer part	Copper		In house Methods : SO-IN-TRP- T01-QU-042: 2019	





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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 tes are performed ar or the techniques equipment used		
222	CHEMICAL- PLASTIC & RESINS	Polymer part			In house Me T01-QU-042	ethods : SO-IN-TRP- 2: 2019
223	CHEMICAL- PLASTIC & RESINS	Polymer part	Manganese		In house Me T01-QU-042	ethods : SO-IN-TRP- 2: 2019
224	CHEMICAL- PLASTIC & RESINS	Polymer part	'		In house Me T01-QU-042	ethods : SO-IN-TRP- 2: 2019
225	CHEMICAL- PLASTIC & RESINS	Polymer part			In house Methods : SO-IN-TRP- T01-QU-042: 2019	
226	CHEMICAL- PLASTIC & RESINS	Polymer part	Zinc		In house Methods : SO-IN-TRP- T01-QU-042: 2019	
227	ELECTRICAL- EMI / EMC TEST FACILITY	Motor Vehicle Electronic and Electrical System/Sub System Operating on Vehicle Battery Supply	Direct current supply voltage		ISO 16750 (Part-2) Sec 4.2: 2012
228	ELECTRICAL- EMI / EMC TEST FACILITY	Motor Vehicle Electronic and Electrical System/Sub System Operating on Vehicle Battery Supply	Ground reference and s	upply offset	ISO 16750 (Part-2) Sec 4.8: 2012
229	ELECTRICAL- EMI / EMC TEST FACILITY	Motor Vehicle Electronic and Electrical System/Sub System Operating on Vehicle Battery Supply	Insulation resistance		ISO 16750 (Part-2) Sec 4.12: 2012





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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		tion hich tests med and / hniques /	
230	ELECTRICAL- EMI / EMC TEST FACILITY	Motor Vehicle Electronic and Electrical System/Sub System Operating on Vehicle Battery Supply	Open circuit tests		ISO 16750	(Part-2) Sec 4.9 : 2012
231	ELECTRICAL- EMI / EMC TEST FACILITY	Motor Vehicle Electronic and Electrical System/Sub System Operating on Vehicle Battery Supply	Over Voltage test		ISO 16750	(Part-2) Sec 4.3 : 2012
232	ELECTRICAL- EMI / EMC TEST FACILITY	Motor Vehicle Electronic and Electrical System/Sub System Operating on Vehicle Battery Supply	Reset behavior at voltage	ge drop	ISO 16750	(Part-2) Sec 4.6.2 : 2012
233	ELECTRICAL- EMI / EMC TEST FACILITY	Motor Vehicle Electronic and Electrical System/Sub System Operating on Vehicle Battery Supply	Reversed voltage		ISO 16750	(Part-2) Sec 4.7 : 2012
234	ELECTRICAL- EMI / EMC TEST FACILITY	Motor Vehicle Electronic and Electrical System/Sub System Operating on Vehicle Battery Supply	Short circuit protection		ISO 16750	(Part-2) Sec 4.10 : 2012
235	ELECTRICAL- EMI / EMC TEST FACILITY	Motor Vehicle Electronic and Electrical System/Sub System Operating on Vehicle Battery Supply	Slow decrease and incr supply voltage	ease of	ISO 16750	(Part-2) Sec 4.5 : 2012





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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	r Specificati against who cific are performed / or the teche equipment		
236	ELECTRICAL- EMI / EMC TEST FACILITY	Motor Vehicle Electronic and Electrical System/Sub System Operating on Vehicle Battery Supply	Withstand voltage		ISO 16750	(Part-2) Sec 4.11 : 2012
237	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Cold Test	Cold Test		ort-2), Sec 1 to 4: 1977
238	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Cold Test		IEC 60068-2-1 : 2007	
239	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Cold Test		ISO 16750 (Part-4) Sec 5.1.1: 2010	
240	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Combined Temperature Vibration Test	and	ISO 16750	(Part-3): 2012
241	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Combined Temperature Vibration Test	and	BS EN 60068-2-64: 2008	
242	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Damp Heat Test (Cycle)		IEC 60068-2-30: 2005	
243	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Damp Heat Test (Cycle)		IS 9000 (Pa	ort-5), Sec 1 & 2: 1981
244	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Damp Heat Test (Stead	y State)	IEC 60068-	2-78: 2012





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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 tes are performed an or the techniques equipment used		
245	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Damp Heat Test (Cycle)	ISO 16750	(Part-4) Sec 5.6: 2010
246	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Damp Heat Test (Stead	y State)	ISO 16750	(Part-4) Sec 5.7: 2010
247	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Damp Heat Test (Steady State)		IS 9000 (Part-4): 2008	
248	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Degrees of protection provided by enclosures(IP Code)		ISO 20653:	2013
249	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Degrees of protection penclosures(IP Code)	rovided by	IEC 60529:	2013
250	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Dry Heat Test		IEC 60068-	2-2: 2007
251	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Dry Heat Test	Dry Heat Test		art-3), Sec 1 to 5 : 1977
252	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Dry heat test		ISO 16750 (Part-4) Sec 5.1.2: 2010	
253	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Free Fall Test		IEC 60068-	2-31: 2008





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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		tion hich tests med and / hniques /		
254	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Salt Mist Test	Salt Mist Test		nrt-11): 1983	
255	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Salt Mist Test		ISO 16750	(Part-4) Sec 5.5.1: 2010	
256	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Salt Mist Test		IEC 60068-2-11: 1981		
257	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	, , , ,		EN 60068-2 Na & Nb: 20	2-14, Cl. 7 & 8, Method 009	
258	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Temperature cycling / temperature	Change of	IS 9000 (Part-14), Sec 1 to 3, Method Na & Nb: 1988		
259	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Temperature cycling/ c temperature	hange of	ISO 16750 (Part-4) Sec 5.3: 2010		
260	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Vibration Test (Sine ar	Vibration Test (Sine and Random)		IEC 60068-2-6: 2007	
261	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Vibration Test (Sine and Random)		JIS D 1601:	1995	
262	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Vibration Test (Sine and Random)		BS EN 60068-2-64: 2008		





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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 Meth Specificat against w are perfor or the tec equipmen	tion hich tests med and / hniques /	
263	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electrical Appliances	Vibration Test (Sine and	d Random)	IS 9000 (Pa	nrt-8): 1981
264	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Cold Test		IEC 60068-	2-1 : 2007
265	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Cold Test		IS 9000 (Part-2), Sec 1 to 4 : 1977	
266	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Cold test		ISO 16750	(Part-4) Sec 5.1.1: 2010
267	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Combined Temperature Vibration Test	and	BS EN 600	68-2-64: 2008
268	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Combined Temperature Vibration Test	and	ISO 16750 (Part-3) : 2012	
269	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Damp Heat Test (Stead	Damp Heat Test (Steady State)		(Part-4) Sec 5.7: 2010
270	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Damp Heat Test (Cycle)		IS 9000 (Pa	art-5), Sec 1 & 2: 1981
271	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Damp Heat Test (Cycle)	ISO 16750	(Part-4) Sec 5.6: 2010





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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 Meth Specificat against w are perfor or the tecl equipmen	ion hich tests med and / hniques /		
272	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Damp Heat Test (Cycle))	IEC 60068-	2-30: 2005	
273	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Damp Heat Test (Stead	y State)	IEC 60068-	2-78: 2012	
274	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Damp Heat Test (Steady State)		IS 9000 (Part-4): 2008		
275	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Degrees of protection provided by enclosures(IP Code)		IEC 60529: 2013		
276	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Degrees of protection prenction prenction prenction (IP Code)	rovided by	ISO 20653:	2013	
277	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Dry Heat Test		IS 9000 (Part-3), Sec 1 to 5: 1977		
278	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Dry heat test	Dry heat test		ISO 16750 (Part-4) Sec 5.1.2: 2010	
279	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Dry heat test		IEC 60068-	2-2: 2007	
280	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Free Fall Test		IEC 60068-	2-31: 2008	





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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 Meth Specificat against w are perfor or the tecl equipmen	tion hich tests med and / hniques /		
281	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products			IS 9000 (Pa	nrt-11): 1983	
282	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Salt Mist Test		IEC 60068-	2-11: 1981	
283	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Salt Mist Test		ISO 16750 (Part-4) Sec 5.5.1: 2010		
284	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Temperature cycling / Change of temperature		ISO 16750	(Part-4) Sec 5.3: 2010	
285	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Temperature cycling / C temperature	hange of	IS 9000 (Pa	art-14), Sec 1 to 3, & Nb: 1988	
286	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Temperature cycling / C temperature	hange of	EN 60068-2-14, Cl. 7 & 8, Method Na & Nb: 2009		
287	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Vibration Test (Sine and	Vibration Test (Sine and Random)		BS EN 60068-2-64: 2008	
288	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Vibration Test (Sine and Random)		IEC 60068-	2-6: 2007	
289	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Vibration Test (Sine and	I Random)	IS 9000 (Pa	urt-8): 1981	





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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 Meth Specificat against w are perfor or the tecl equipmen	tion hich tests med and / hniques /		
290	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	All Electronic Products	Vibration Test (Sine and	l Random)	JIS D 1601:	1995	
291	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Automotive Components -Interior & Exterior	Cyclic Corrosion Test		GMW 1487	GMW 14872: 2018	
292	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	% Elongation		JIS Z 2241:	2011	
293	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	% Elongation		IS 1608 (Pa	rt1): 2018	
294	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	% Elongation		ASTM A370): 2018	
295	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	% Elongation		ASTM E8/E	8M: 2016	
296	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	% Elongation		ISO 6892-1	: 2016	





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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 Methors Specification against what are performed or the tech equipments	ion nich tests med and / nniques /	
297	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	% Reduction in Area		JIS Z 2241:	2011
298	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	% Reduction in Area		ASTM A370): 2018
299	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	% Reduction in Area		ISO 6892-1	: 2016
300	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	% Reduction in Area		IS 1608 (Pa	nrt1): 2018
301	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	% Reduction in Area		ASTM E8/E	8M: 2016
302	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Bend Test		IS 1599: 20	12
303	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Brinell Hardness Test		ASTM E10:	2018





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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 Methors Specificat against what are performed or the tech equipment	ion nich tests med and / nniques /	
304	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Brinell Hardness Test		IS 1500 (Pa	nrt 1): 2013
305	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Brinell Hardness Test		ISO 6506-1	: 2014
306	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Brinell Hardness Test		ISO 6506-1	: 2014
307	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Brinell Hardness Test		ASTM A370): 2018
308	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Brinell Hardness Test		ASTM E10:	2018
309	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Brinell Hardness Test		ASTM A370): 2018
310	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Brinell Hardness Test		ASTM A370): 2018





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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 Methors Specification against what are performed to the technique of	ion nich tests med and / nniques /	
311	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products			IS 1500 (Pa	rt 1): 2013
312	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Brinell Hardness Test	Brinell Hardness Test		2018
313	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Brinell Hardness Test		IS 1500 (Part 1): 2013	
314	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Brinell Hardness Test		ISO 6506-1	: 2014
315	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Charpy Impact Test (Ch Notch at ambient tempe		IS 1757 (Part1): 2014	
316	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Charpy Impact Test (Charpy -V Notch, ambient temperature to -40 ° C)		IS 1757 (Part1): 2014	
317	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Ericsson Cupping Test(sheet thickness : 0.2 - 2.0 mm)		IS 10175: 2012	





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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 Meth Specificat against whare perfor or the tech equipmen	ion hich tests med and / hniques /		
318	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Izod Impact Test		IS 1598: 19	77	
319	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products				ASTM A370,ASTM E384,ISO 6507- 1,IS 1501: 2018	
320	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products			ASTM E384,ISO 6507-1,IS 1501: 2017		
321	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products			ISO 6507-1 2018	,ASTM E384,IS 1501:	
322	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Micro Vickers Hardness load.	_		IS 1501 (Part1),ASTM E384,ISO 6507: 2013	
323	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Proof Strength		JIS Z 2241: 2011		
324	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Proof Strength		ISO 6892-1	: 2016	





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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 Meth Specificat against whare perfor or the tech equipmen	ion hich tests med and / hniques /	
325	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Proof Strength		ASTM E8/E	8M: 2016
326	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Proof Strength I		IS 1608 (Pa	nrt1): 2018
327	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Proof Strength		ASTM A370): 2018
328	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Resistance to Corrosion		ISO 9227: 2	2017
329	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Resistance to Corrosion		ASTM B117	7: 2018
330	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Resistance to Corrosion		ASTM G85,	Annex A1: 2011
331	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Resistance to Corrosion		JIS Z 2371:	2015





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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 Meth Specificat against w are perfor or the tecl equipmen	tion hich tests med and / hniques /	
332	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Resistance to Corrosion	-CASS Test	ASTM B368	3: 2009
333	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Test	t	IS 1586 (Pa	nrt1): 2018
334	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Test	t	ISO 6508-1	: 2016
335	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Test	t	IS 1586 (Pa	art1): 2018
336	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Test	t	IS 1586 (Pa	art1): 2018
337	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Test	t	ISO 6508-1	: 2016
338	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Test		ISO 6508-1	: 2016





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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 Meth Specificat against whare perfor or the tech equipmen	ion hich tests med and / hniques /	
339	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Test	t	ASTM A370	0: 2018
340	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Test	t	ASTM A370	0: 2018
341	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Test	t	ASTM A370	0: 2018
342	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Test	t	ISO 6508-1	: 2016
343	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Test	t	IS 1586 (Pa	art1): 2018
344	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Test	t	ISO 6508-1	: 2016
345	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Test	i -	ISO 6508-1	: 2016





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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 Meth Specificat against whare perfor or the tech equipmen	ion hich tests med and / hniques /	
346	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Tes	t	ASTM E18:	2018
347	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Tes	t	ASTM E18	: 2018
348	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Tes	t	ASTM E18	: 2018
349	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Tes	t	ASTM E18	: 2018
350	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Tes	t	ASTM E18:	2018
351	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Tes	t	ASTM E18	: 2018
352	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Tes	t	ASTM E18	: 2018





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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 Meth Specificat against whare perfor or the tech equipmen	ion hich tests med and / hniques /	
353	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Tes	t	ASTM E18	: 2018
354	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Tes	t	IS 1586 (Pa	rt1): 2018
355	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Tes	t	IS 1586 (Pa	ırt1): 2018
356	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Tes	t	IS 1586 (Pa	ırt1): 2018
357	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Tes	t	IS 1586 (Pa	ırt1): 2018
358	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Tes	t	ASTM A370): 2018
359	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Tes	t	ASTM A370): 2018





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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 Meth Specificat against w are perfor or the tecl equipmen	ion hich tests med and / hniques /	
360	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Tes	t	ASTM A370): 2018
361	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Tes	t	ASTM A370): 2017
362	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Tes	t	ASTM E18	: 2018
363	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Tes	t	IS 1586 (Pa	nrt1): 2018
364	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Tes	t	ASTM A370): 2018
365	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Tes	t	ASTM A370): 2017
366	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Tes	t	ISO 6508-1	: 2016





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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 Meth Specificat against whare perfor or the tech equipmen	ion hich tests med and / nniques /	
367	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Test	t	ISO 6508-1	: 2018
368	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Rockwell Hardness Test	t	ISO 6508-1	: 2016
369	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Tensile Strength		ISO 6892-1	: 2016
370	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Tensile Strength		IS 1608 (Pa	ırt1): 2018
371	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Tensile Strength		ASTM E8/E	8M: 2016
372	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Tensile Strength		JIS Z 2241:	2011
373	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Tensile Strength		ASTM A370): 2018





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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 Meth Specificat against whare perfor or the tech equipmen	ion hich tests med and / nniques /	
374	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Vickers Hardness Test1 Load	- 50Kg	ISO 6507-1 2018	ASTM E92 &IS 1501:
375	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Vickers Hardness Test1 Load	- 50Kg	ASTM E92, 2017	ISO 6507-1,IS 1500:
376	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Vickers Hardness Test1 Load	- 50Kg		0,IS 1501,ASTM 507-1: 2018
377	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Vickers Hardness Test1 Load	- 50Kg	IS 1501 (Pa E92: 2013	ırt1),ISO 6507-1,ASTM
378	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Yield Strength		ASTM E8/E	8M: 2016
379	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Yield Strength		IS 1608 (Pa	ırt1): 2018
380	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Yield Strength		JIS Z 2241:	2011





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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 Methors Specificat against what are performed or the tech equipments	ion nich tests med and / nniques /	
381	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Yield Strength		ASTM A370): 2018
382	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys, Coated Products	Yield Strength		ISO 6892-1	: 2016
383	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Painted Components	Mass of Zn coating		IS 6745: 19	72
384	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Painted Components	Mass of Zn coating		ISO 2808: 2	2007
385	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Painted Components	Mass of Zn coating		DIN EN 103	346: 2015
386	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Painted Components	Mass of Zn coating		ASTM A90/	90M: 2013
387	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Painted Panels & Products, Plated & Coated Products	Paint Adhesion		ISO 2409: 2	2013





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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 Meth Specificat against ware perfor or the tech equipmen	tion hich tests med and / hniques /	
388	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Average Grain size		ASTM E112	2: 2013
389	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Average Grain size		IS 4748: 20	09
390	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Case Depth Measurement		ISO 18203: 2016	
391	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Case Depth Measurement		IS 6416: 19	88
392	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Coating Thickness by C	Couloscope	ASTM B764	1: 2004
393	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Coating Thickness by C	Couloscope	IS 3203: 1982	
394	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Coating Thickness by C	Couloscope	ISO 2177: 2	2003
395	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Coating Thickness by C	Couloscope	ASTM B504	1: 1990
396	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Coating Thickness by E	PFT Meter	ISO 2808: 2	2007





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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 test are performed and or the techniques a equipment used		
397	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Coating Thickness by DR	T Meter	ISO 2178: 2	2016
398	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Coating Thickness by DR	T Meter	ASTM D709	91: 2013
399	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Coating Thickness by DFT Meter IS		ISO 2360: 2017	
400	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Coating Thickness by DR	T Meter	IS 3203: 19	82
401	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Coating Thickness by Mi	croscope	IS 3203: 19	82
402	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Coating Thickness by Mi	croscope	ISO 2808: 2	2007
403	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Coating Thickness by Mi	croscope	ASTM B487	7: 1985
404	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Depth of Decarburization		IS 6396: 20	00
405	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Determination of Volume Phases	Fraction of	ASTM E562	2 : 2011





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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 Meth Specificat against w are perfor or the tech equipmen	ion hich tests med and / hniques /	
406	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Flake Type and Size Ar			75
407	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Flake Type and Size Ar	Flake Type and Size Analysis		7: 2017
408	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Inclusion content in steel		ASTM E45: 2018	
409	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Inclusion content in steel		IS 4163: 20	04
410	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Macro Examination		ASTM E340): 2015
411	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Macro Examination		IS 13015: 1	991
412	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Macro Examination		IS 12573: 2	010
413	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Macro Examination		IS 11371: 1	985
414	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Macro Examination		ASM Hand	oook Vol-9: 2004





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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	er or Specification against which tes Specific formed / type of Specification against which tes are performed an or the techniques equipment used			
415	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Macro Examination		ASTM E381: 2017		
416	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Micro Examination		ASM Handb	oook Vol-9: 2004	
417	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Nodularity and Nodule Count by Image Analysis		ASTM E256	ASTM E2567: 2016	
418	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Nodularity and Nodule Count by Image Analysis		ASTM E562: 2011		
419	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Nodularity and Nodule Count by Image Analysis		ASTM A247	7: 2017	
420	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Nodularity and Nodule Count by Image Analysis		IS 7754 : 1975		
421	MECHANICAL- METALLOGRAPHY TEST	Metallography Test	Welding-Fusion Welded Joints; Macro and Dimensional measurement of Weld joint		ISO 5817: 2014		
422	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Ball Drop test		PV 3905: 2015		
423	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Crocking		FLTM BN 107-1: 2007		





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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	arameter or haracteristic ested / Specific are performed and / or the techniques / ests or type of equipment used			
424	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Flammability		SAE J 369 : 2013		
425	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Flammability		ISO 3795: 1	989	
426	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Flammability		FMVSS 302	FMVSS 302 : 2016	
427	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Flammability		IS 15061: 2002		
428	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Fogging Resistance - Gravimetric		SAE J 1756	5: 2006	
429	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Fogging Resistance - Photometric		SAE J 1756 : 2006		
430	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Resistance to Environmental Cycling Test		FLTM BQ 104-07 : 2000		
431	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Resistance to Environmental Cycling Test		GMW 14650: 2016		
432	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Resistance to Environmental Cycling Test		GMW 14124 (Cycle M,Q,R,S,T,U,V): 2017		





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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			
433	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Resistance to Environm Cycling Test	ental	PV 1200: 20	004	
434	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts			E-00-0799 (2014	E-00-0799 (Clause 10,sr. no. 3): 2014	
435	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Resistance to Environmental Cycling Test		PV 2005,Va	PV 2005,Variant A: 2000	
436	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Resistance to Environmental Cycling Test		TSM 0502G, (Clause 4.1.3) : 2013		
437	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts			E-00-0799 (Clause 10,sr. no. 1 & 2): 2014		
438	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Resistance to Heat Ageing		GMW 14650: 2016		
439	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Resistance to Humidity Ageing		GMW 14650: 2016		
440	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Resistance to Humidity Ageing		E-00-0799 (Clause 10,sr. no. 4): 2014		
441	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Scratch & Mar test		FLTM-BO-1	62-01: 2009	





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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 Meth Specificat against w are perfor or the tecl equipmen	ion hich tests med and / hniques /		
442	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Scratch & Mar test		E-00-0293:	2013	
443	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Stress Whitening Test		PV 3966: 2	PV 3966: 2016	
444	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Thermal Shock Testing		GMW 3172	GMW 3172 (Clause 9.4.2): 2010	
445	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Thermal Shock Testing		ES94100-05 (Clause 6.4.1): 2017		
446	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	-		ASTM G 15	5 (Appendix-X2): 2013	
447	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Weather ability or Fading Resistance for colour fastness to light		SAE J 2527: 2017		
448	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Weather ability or Fading Resistance for colour fastness to light		SAE J 2412: 2015		
449	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Components -Interior & Exterior & Plastic parts	Weather ability or Fading Resistance for colour fastness to light		ISO 105-B06: 1998		
450	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Insulation Materials & Interior Parts	Hot Odor Test for Insulation Materials		SAE J 1351	SAE J 1351: 2015	





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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 Meth Specificat against w are perfor or the teck equipmen	tion hich tests med and / hniques /		
451	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fuel System Tubing Assemblies	Burst test		SAE J 2045	6 (section 4.8): 2012	
452	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Fuel System Tubing Assemblies			SAE J 2260 2004	SAE J 2260 (Section 7.1 and 7.2): 2004	
453	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Painted Panels & Products, Plated & Coated Products	Paint Adhesion		ISO 2409: 2	ISO 2409: 2013	
454	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Polymer Materials	Flammability		UL 94: 200 ⁻	1	
455	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Polymer Materials	Shore A hardness		ASTM D 22	40: 2015	
456	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Polymer Materials	Shore A hardness		ISO 868: 20	003	
457	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Polymer Materials	Shore D hardness		ISO 868: 20	003	
458	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Polymer Materials	Shore D hardness		ASTM D 22	40: 2015	
459	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials	Ash content		ISO 3451-1	, (Method A) : 2008	





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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			
460	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials	Ash content		ASTM D 56	30, (Method B): 2013	
461	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials	Charpy Impact		ISO 179-1:	2010	
462	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials	Density		ASTM D 79	ASTM D 792: 2013	
463	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials	Density		ISO 1183-1: 2012		
464	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials	Izod Impact		ISO 180: 20	013	
465	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials	Izod Impact		ASTM D 25	6: 2010	
466	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials	Melt flow index		ASTM D 12	38: 2013	
467	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials	Melt flow index		ISO 1133-1	& 2: 2011	
468	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials	Specific Gravity		ASTM D 79	2: 2013	