National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF ROAD TRANSPORT (CIRT), BHOSARI, PUNE - NASIK ROAD, PUNE, MAHARASHTRA, 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 Facility				
1	CHEMICAL- METALS & ALLOYS	Aluminum & Its alloys	Chromium	ASTM E 1251
2	CHEMICAL- METALS & ALLOYS	Aluminum & Its alloys	Copper	ASTM E 1251
3	CHEMICAL- METALS & ALLOYS	Aluminum & Its alloys	Iron	ASTM E 1251
4	CHEMICAL- METALS & ALLOYS	Aluminum & Its alloys	Magnesium	ASTM E 1251
5	CHEMICAL- METALS & ALLOYS	Aluminum & Its alloys	Manganese	ASTM E 1251
6	CHEMICAL- METALS & ALLOYS	Aluminum & Its alloys	Nickel	ASTM E 1251
7	CHEMICAL- METALS & ALLOYS	Aluminum & Its alloys	Silicon	ASTM E 1251
8	CHEMICAL- METALS & ALLOYS	Aluminum & Its alloys	Titanium	ASTM E 1251
9	CHEMICAL- METALS & ALLOYS	Aluminum & Its alloys	Zinc	ASTM E 1251
10	CHEMICAL- METALS & ALLOYS	Iron Steel & Ferro alloys	Carbon	ASTM E 415
11	CHEMICAL- METALS & ALLOYS	Iron Steel & Ferro alloys	Chromium	ASTM E-415
12	CHEMICAL- METALS & ALLOYS	Iron Steel & Ferro alloys	Copper	ASTM E 415
13	CHEMICAL- METALS & ALLOYS	Iron Steel & Ferro alloys	Manganese	ASTM E 415
14	CHEMICAL- METALS & ALLOYS	Iron Steel & Ferro alloys	Molybdenum	ASTM E 415
15	CHEMICAL- METALS & ALLOYS	Iron Steel & Ferro alloys	Nickel	ASTM E 415
16	CHEMICAL- METALS & ALLOYS	Iron Steel & Ferro alloys	Phosphorus	ASTM E 415
17	CHEMICAL- METALS & ALLOYS	Iron Steel & Ferro alloys	Silicon	ASTM E-415
18	CHEMICAL- METALS & ALLOYS	Iron Steel & Ferro alloys	Sulphur	ASTM E 415

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19	CHEMICAL- METALS & ALLOYS	Stainless steel Alloy	Carbon	ASTM E 1086
20	CHEMICAL- METALS & ALLOYS	Stainless steel Alloy	Chromium	ASTM E 1086
21	CHEMICAL- METALS & ALLOYS	Stainless steel Alloy	Manganese	ASTM E 1086
22	CHEMICAL- METALS & ALLOYS	Stainless steel Alloy	Nickel	ASTM E 1086
23	CHEMICAL- METALS & ALLOYS	Stainless steel Alloy	Phosphorus	ASTM E 1086
24	CHEMICAL- METALS & ALLOYS	Stainless steel Alloy	Silicon	ASTM E 1086
25	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Rubber Products	% Ash Content	ASTM D 297
26	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Rubber Products	% Ash Content	ASTM D 6370
27	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Rubber Products	% Ash Content	IS 3400 Part 22
28	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Rubber Products	% Carbon Black Content	ASTM D 297
29	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Rubber Products	% Carbon Black Content	ASTM D 6370
30	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Rubber Products	% Carbon Black Content	IS 3400 Part 22
31	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Rubber Products	% Carbon Black Content by TGA	ASTM E 1131
32	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Rubber Products	% Extract (Volatile) Content	ASTM E 1131
33	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Rubber Products	% Extract (Volatile) Content	ASTM D 6370
34	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Rubber Products	% Extract (Volatile) Content	ASTM D297
35	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Rubber Products	% Extract (Volatile) Content	IS 3400 Part 22
36	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Rubber Products	% Total Rubber HC Content (w/w) & (v/v)	ASTM D297
37	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Rubber Products	% Total Rubber HC Content (w/w) & (v/v)	ASTM D6370

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38	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Rubber Products	% Total Rubber HC Content (w/w) & (v/v)	ASTM E1131
39	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Rubber Products	% Total Rubber HC Content (w/w) & (v/v)	IS 3400 Part 22
40	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Rubber Products	% Volume change & % Mass change	ASTM D471
41	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Rubber Products	% Volume change & % Mass change	IS 3400 Part 6
42	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Rubber Products	Ash Content (%) by TGA	ASTM E 1131
43	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Rubber Products	Type of rubber & polymer by chemical method	ASTM D 297
44	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Rubber Products	Type of rubber & polymer by chemical method	IS 3400 Part 22
45	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber	Rubber / Polymer Identification by FTIR	ASTM D 3677
46	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber & Rubber Product	% Ash Content	ASTM D 297
47	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber & Rubber Product	% Ash Content	ASTM D 6370
48	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber & Rubber Product	% Ash Content	ASTM E 1131
49	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber & Rubber Product	% Ash Content	IS 3400 Part 22
50	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber & Rubber Product	% Carbon Black Content	ASTM D 297
51	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber & Rubber Product	% Carbon Black Content	ASTM D 6370
52	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber & Rubber Product	% Carbon Black Content	ASTM E 1131
53	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber & Rubber Product	% Carbon Black Content	IS 3400 Part 22
54	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber & Rubber Product	% Extract (Volatile) Content	ASTM E 1131
55	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber & Rubber Product	% Extract (Volatile) Content	IS 3400 Part 22
56	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber & Rubber Product	% Extract (Volatile) Rubber	ASTM D 297

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57	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber & Rubber Product	% Extract (Volatile) Rubber	ASTM D 6370
58	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber & Rubber Product	% Total Rubber HC Content (w/w) & (v/v)	IS 3400 Part 22
59	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber & Rubber Product	Type of rubber & polymer by chemical method	IS 3400 Part 22
60	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber & Rubber Products	% Total Rubber HC Content (w/w) & (v/v)	ASTM D 297
61	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber & Rubber Products	% Total Rubber HC Content (w/w) & (v/v)	ASTM D6370
62	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber & Rubber Products	% Total Rubber HC Content (w/w) & (v/v)	ASTM E 1131
63	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber & Rubber Products	% Volume change & % Mass change	ASTM D 471
64	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber & Rubber Products	% Volume change & % Mass change	IS 3400 Part 6
65	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber & Rubber Products	Type of rubber & polymer by chemical method	ASTM D 297
66	CHEMICAL- RUBBER & RUBBER PRODUCTS	Tyre Tube	% Total Rubber HC Content (w/w) & (v/v)	IS 13098 (Cl.No.3.2.1)
67	CHEMICAL- RUBBER & RUBBER PRODUCTS	Tyre Tube	Type of material	IS 13098 (Cl.No.3.2)
68	CHEMICAL- RUBBER & RUBBER PRODUCTS	Tyre Tube Valve & Core	Type of material - Rubber base & washer, metal stem, core, & spring	IS 9081 (Cl.No.6.1 & 7.1)
69	CHEMICAL- RUBBER & RUBBER PRODUCTS	Tyre Tube Valve & Core	Type of material - Rubber base & washer, metal stem, core, & spring	IS:9081 (Cl.No.6.1 & 7.1)
70	ELECTRICAL- CELLS & BATTERIES	Lead Acid Battery	Charge Acceptance	IS: 14257
71	ELECTRICAL- CELLS & BATTERIES	Lead Acid Battery	Charge Retention	IS: 14257
72	ELECTRICAL- CELLS & BATTERIES	Lead Acid Battery	Cold Cranking Ampere (CCA) at -18°C	IS: 14257
73	ELECTRICAL- CELLS & BATTERIES	Lead Acid Battery	Electrolyte Retention	IS: 14257
74	ELECTRICAL- CELLS & BATTERIES	Lead Acid Battery	Life Cycle test	IS: 14257

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75	ELECTRICAL- CELLS & BATTERIES	Lead Acid Battery	Light Load Endurance	IS: 14257
76	ELECTRICAL- CELLS & BATTERIES	Lead Acid Battery	Overcharge Endurance	IS: 14257
77	ELECTRICAL- CELLS & BATTERIES	Lead Acid Battery	Reserve Capacity	IS: 14257
78	ELECTRICAL- CELLS & BATTERIES	Lead Acid Battery	Robustness to fastening	IS: 14257
79	ELECTRICAL- CELLS & BATTERIES	Lead Acid Battery	Strength of terminal	IS: 14257
80	ELECTRICAL- CELLS & BATTERIES	Lead Acid Battery	Water Consumption test	IS: 14257
81	ELECTRICAL- CELLS & BATTERIES	Lead Acid Battery	Capacity Test	IS:14257
82	ELECTRICAL- CELLS & BATTERIES	Lead Acid Battery	High-rate Discharge test at -15°C	IS: 14257
83	ELECTRICAL- CELLS & BATTERIES	Lithium ION battery	Penetration test (Cell level)	AIS 048 _2009 Amd 1 & Amd 2
84	ELECTRICAL- CELLS & BATTERIES	Lithium ION battery	Short Circuit test (Cell level)	AIS:048 :2009 Amd 1 & Amd 2
85	ELECTRICAL- CELLS & BATTERIES	Lithium ION battery	Overcharge Endurance test	AIS:048 amd1 &2
86	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Elecronics Products, PCBs, Modules, Subsystems, Systems, Automotive Components, Engines	Low Temperature Conditioning (Cold)	JSS 55555 (Revision No.3) Test No. 20
87	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics Products, PCbs, Modules, Sub Systems, Systems, Automotive Components, Engines	Damp Heat (Humidity Test)	JSS 55555 (Revision No. 3) Test No. 10
88	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics Products, PCBs, Modules, Subsystems, Systems, Automotive Components, engines	High Temperature Conditioning (Dry heat)	JSS 55555 (Revision No. 3) test No. 17
89	MECHANICAL-AUTOMOTIVE COMPONENTS	Automotive Components Metal surface	Surface Roughness Rz	IS : 3073
90	MECHANICAL-AUTOMOTIVE COMPONENTS	Automotive Components metal surfaces	Surface Roughness Ra	IS:3073
91	MECHANICAL-AUTOMOTIVE COMPONENTS	Bearing	Dimension	IS:4025 (Only ID, OD and Width)

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92	MECHANICAL-AUTOMOTIVE COMPONENTS	Bus Windows	Window Retention Test	IS 13944 (Cl.No.3.2.2)
93	MECHANICAL-AUTOMOTIVE COMPONENTS	Door Hinges	Longitudinal Load Test	IS:14225
94	MECHANICAL-AUTOMOTIVE COMPONENTS	Door Hinges	Transvers Load Test	IS:14225
95	MECHANICAL-AUTOMOTIVE COMPONENTS	Door Latches	Load Test One	IS:14225
96	MECHANICAL-AUTOMOTIVE COMPONENTS	Door Latches	Load Test Two	IS:14225
97	MECHANICAL-AUTOMOTIVE COMPONENTS	Earth-moving machinery — Roll-over protective structures	Static Test	ISO 3471- (Clause 6, 7 & 8)
98	MECHANICAL-AUTOMOTIVE COMPONENTS	FALLING OBJECT PROTE CTIVE STRUCTURES ON AGRICULTURAL AND FORESTRY TRACTORS	Impact/ Drop Test	OECD Code10 (Clause 3.1,3.2,3.3,3.4 & 3.6)
99	MECHANICAL-AUTOMOTIVE COMPONENTS	Falling Object Protective Structure- Earth moving Machinery, Agricultural And Forestry Tractors	Impact/ Drop Test	BS EN IS/ISO-3449 (Clause 6.0)
100	MECHANICAL-AUTOMOTIVE COMPONENTS	Roll Over Protection Structure of agricultural and forestry vehicles	Static Test	EU NO: 1322 (Annex VIII),
101	MECHANICAL-AUTOMOTIVE COMPONENTS	Roll Over Protection Structure of agricultural and forestry Tractors	Static Test	OECD Code 4 (Clauses 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 3.11,.3.12),
102	MECHANICAL-AUTOMOTIVE COMPONENTS	Roll Over Protection Structure of agricultural and forestry vehicles	Static Test	2009/75/EC
103	MECHANICAL-AUTOMOTIVE COMPONENTS	Roll Over Protection Structure of wheeled agricultural Tractors	Static Test	IS 11821(Part-2)
104	MECHANICAL-AUTOMOTIVE COMPONENTS	Wheel Rims	Torsional Fatigue Test	IS:16192 (PART 1) 2014 (REAFFIRMED 2019) Cl. No. 4.5, Annex. D
105	MECHANICAL-AUTOMOTIVE COMPONENTS	Wheel Rims for Passenger Cars, Quadricycles and Mini Goods Carriers	Dynamic Radial Fatigue Test	IS 9436 (Cl No. 5.2)

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106	MECHANICAL-AUTOMOTIVE COMPONENTS	Wheel Rims for Passenger Cars, Quadricycles and Mini Goods Carriers	Dynamic Cornering Fatigue Test	IS: 9436 (Cl.No.5.1)
107	MECHANICAL-AUTOMOTIVE COMPONENTS	Wheel Rims for Two & Three wheeled vehicles (Light alloy wheel Rims)	Rotation Bending Fatigue Test (Dynamic Cornering Fatigue Test)	IS 16192 (Part 1) Cl. No 4.2.
108	MECHANICAL-AUTOMOTIVE COMPONENTS	Wheel Rims for Two & Three wheeled vehicles (Light alloy wheel Rims)	Radial Load Durability Test	IS 16192 (Part 1) Cl.No. 4.3
109	MECHANICAL-AUTOMOTIVE COMPONENTS	Wheel Rims for Two & Three wheeled vehicles (Sheet metal wheel Rims)	Dynamic Cornering Fatigue Test:	IS 16192 (Part 2) (Cl. No. 4.2.3)
110	MECHANICAL-AUTOMOTIVE COMPONENTS	Wheel Rims for Two & Three wheeled vehicles (Sheet metal wheel Rims)	Dynamic Radial Fatigue Test	AIS:073(Part 2) (Cl.No. 6.2.4)
111	MECHANICAL-AUTOMOTIVE COMPONENTS	Wheel Rims for Two & Three wheeled vehicles (Sheet metal wheel Rims)	Dynamic cornering Fatigue Test	AIS-073 (Part 2) (Cl. No. 6.2.3)
112	MECHANICAL-AUTOMOTIVE COMPONENTS	Wheel Rims for Two & Three wheeled vehicles (Sheet metal wheel Rims)	Dynamic Radial Fatigue Test	IS 16192 (Part 2) (Cl.No. 4.2.4)
113	MECHANICAL-AUTOMOTIVE COMPONENTS	Wheel Rims for Two and Three Wheeled Vehicle (Light Alloy Wheel Rims)	Rotation Bending Fatigue Test (Dynamic Cornering Fatigue Test)	AIS - 073 (Part 1) Cl. No. 6.2
114	MECHANICAL-AUTOMOTIVE COMPONENTS	Wheel Rims for Two and Three Wheeled Vehicles (Light Alloy Wheel Rims)	Air Leak Test	AIS - 073 (Part 1) (Cl. No. 6.6)
115	MECHANICAL-AUTOMOTIVE COMPONENTS	Wheel Rims for Two and Three Wheeled Vehicles (Light Alloy Wheel Rims)	Air Leak Test	IS 16192 (Part 1) (Cl.No. 4.6)
116	MECHANICAL-AUTOMOTIVE COMPONENTS	Wheel Rims for Two and Three Wheeled Vehicles (Light Alloy Wheel Rims)	Radial Load Durability Test	AIS - 073 (Part 1) Cl.No. 6.3
117	MECHANICAL-AUTOMOTIVE COMPONENTS	Wheels / Rims for Trucks and Buses	Dynamic Cornering Fatigue Test:	IS 9438:2018 (Cl. No.5.1)
118	MECHANICAL-AUTOMOTIVE COMPONENTS	Wheels / Rims for Trucks and Buses	Dynamic Radial Fatigue Test	IS 9438 (Cl. No. 5.2)
119	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cast Iron Products	Designation of Microstructure of Graphite	IS:7754

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120	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous (Copper and Aluminium) Materials, Alloy & Products	Brinell Hardness	IS:1500 (Part 1)
121	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous (Copper and Aluminium) Materials, Alloy & Products	Brinell Hardness	IS:1500 (Part 1)
122	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous (Copper and Aluminium) Materials, Alloy & Products	Rockwell Hardness HRA	IS:1586 (Part 1)
123	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous (Copper and Aluminium) Materials, Alloy & Products	Rockwell Hardness HRB	IS:1586 (Part 1)
124	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous (Copper and Aluminium) Materials, Alloy & Products	Tensile Strength	IS:1608 (Part 1)
125	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous (Copper and Aluminium) Materials, Alloy & Products	Vickers Hardness	IS:1501(Part 1)
126	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloy & Products	Rockwell Hardness HRC	IS:1586 (Part 1)
127	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Micro-structural Analysis	ASM Volume 9
128	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Non Metallic Inclusions Rating By Method A	IS:4163
129	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Safety Glass	Dimensional Check (Thickness)	IS:2553 (Part 2)
130	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Safety Glass	Fragmentation test	ECE R43 Revision 4
131	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Safety Glass	Fragmentation test	IS:2553 (Part 2)
132	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Safety Glass	Head form impact test	ECE R43 Revision 4
133	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Safety Glass	Head form impact test	IS:2553 (Part 2)

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134	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Safety Glass	Impact resistance test (227 g Ball)	ECE R43 Revision 4
135	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Safety Glass	Impact resistance test (227 g Ball)	IS:2553 (Part 2)
136	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Safety Glass	Light stability test /Resistance to radiation (with Xenon arc lamp Weather-Ometer Ci 4000)	IS:2553 (Part 2)
137	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Safety Glass	Light stability test/ Resistance to radiation (with Xenon arc lamp Weather-Ometer Ci 4000)	ECE R43 Revision 4
138	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Safety Glass	Optical distortion	ECE R43 Revision 4
139	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Safety Glass	Optical Distortion	IS:2553 (Part 2):
140	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Safety Glass	Penetration resistance test (2260 g Ball)	ECE R43 Revision 4
141	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Safety Glass	Penetration resistance test (2260 g Ball)	IS:2553 (Part 2)
142	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Safety Glass	Resistance to high temperature (Boil test)	ECE R43 Revision 4
143	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Safety Glass	Resistance to high temperature (Boil test)	IS:2553 (Part 2)
144	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Safety Glass	Secondary image separation	ECE R43 Revision 4
145	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Safety Glass	Secondary image separation	IS:2553 (Part 2)
146	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Safety Glass	Visual light transmission (Light transmittance)	ECE R43 Revision 4
147	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Safety Glass	Visual Light Trasmission (Light transmittance)	IS:2553 (Part 2)

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148	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Safety Glass	Weathering	ECE R43 Revision 4
149	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Safety Glass	Weathering	IS:2553 (Part 2)
150	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres for Agricultural vehicle and their trailers	Burst Test	IS:13154 (Cl.No 4.2)
151	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres for Agricultural Vehicle and their Trailers	Endurance Test (Load/Speed Performance Test)	IS:13154 (Cl.No 4.3)
152	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres for Agricultural Vehicle and their Trailers	Measurement of Section Width of Tyre	IS:13154 (Cl.No 4.1.1.1)
153	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber	% Compression Set	ASTM D395 (Method B)
154	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber	% Compression Set	IS:3400 Part 10
155	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber	% Elongation at break	ASTM D412
156	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber	300% Modulus	ASTM D 412
157	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber	Abrasion Resistance Index (ARI)	ASTM D5963
158	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber	Accelerated/Heat Ageing (Ambient to 200 degree C)	ASTM D 573
159	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber	Accelerated/Heat Ageing (Ambient to 200 degree C)	IS:3400 Part 4
160	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber	Density	ISO 2781 IS:3400 Part 9
161	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber	Scorch Time (TS2)	ASTM D 5289
162	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber	Tear Strength (Angular Test)	IS:3400 Part 17
163	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber	Tensile Strength	ASTM D 412
164	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber Vulcanizate	% Elongation at break	IS:3400 Part 1
165	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber Vulcanizate	300% Modulus	IS:3400 Part 1

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166	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber Vulcanizate	Abrasion Resistance Index (ARI)	IS:3400 Part 3
167	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber Vulcanizate	Hardness, Shore A	ASTM D2240
168	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber vulcanizate	Optimum Curing Time (OCT) (t90)	ASTM D5289
169	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber Vulcanizate	Scorch Time (TS1)	ASTM D 5289
170	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber Vulcanizate	Scorch Time (TS5)	ASTM D5289
171	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber Vulcanizate	Specific Gravity	IS:3400 Part 9
172	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber Vulcanizate	Tear Strength (Angular Test)	ASTM D624
173	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber Vulcanizate	Tensile Strength	IS:3400 Part 1
174	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Commercial Vehicles	Measurement of Tyre outer Diameter	IS:15636 (Cl.No. 4.1.1.2)
175	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Commercial Vehicles and their Trailers	Measurement of Tyre Outer Diameter	ECE R-54 (Cl No. 6.1.2 & 6.1.5)
176	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres – Commercial Vehicles	Load / Speed Performance Test	IS:15636 (Cl. No.4.3)
177	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres – Commercial Vehicles	Measurement of Section width of Tyre	IS:15636 (Cl No. 4.1.1.1)
178	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres – Commercial Vehicles	Measurement of Tread Wear Indicator Height	IS:15636 (Cl. No. 4.4)
179	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres – Commercial Vehicles	Tyre Endurance Test	IS:15636 (Cl No. 4.2)
180	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres – for two & three wheeled motor vehicles	Load / Speed Performance Test	IS:15627 (Cl. No. 4.2)
181	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres – for two & three wheeled motor vehicles	Measurement of Section width of Tyre	IS:15627 (Cl No. 4.1.1.1)
182	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres – for two & three wheeled motor vehicles	Measurement of Tread Wear Indicator Height	IS:15627 (Cl No. 4.6)
183	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres – for two & three wheeled motor vehicles	Measurement of Tyre Outer Diameter	IS:15627 (Cl. No. 4.1.1.2)
184	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres – for two & three wheeled motor vehicles	Tyre Endurance Test	IS:15627 (Cl. No. 4.5)

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185	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres – for two & three wheeled motor vehicles	Tyre Strength test (Plunger Test)	IS:15627(Cl No. 4.4)
186	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres – Passenger Car	Load / Speed Performance Test	IS:15633 (Cl. No 4.2)
187	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Passenger Car Vehicles	Bead unseating Resistance Test for Tubeless Tyre	IS:15633 (Cl. No. 4.4)
188	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Agricultural vehicles and their trailers	Load/Speed Test (Performance Test)	ECE R-06 (Cl.No 6.5.3)
189	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Agricultural Vehicles and their Trailers	To Assess the resistance of tyre to burst	ECE R-106 (Cl.No 6.5.2)
190	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Commecial Vehicles and Their Trailers	Measurement of Section width of tyre	ECE R-54 (Cl No. 6.1.1& 6.1.4)
191	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Commercial Vehicles	Tyre Strength test (Plunger test)	IS:15636(Cl No. 4.5)
192	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Commercial Vehicles	Measurement of Height / Arrangement of marking	IS:15636 (Cl.No.5 & 5.2)
193	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Commercial Vehicles and their Trailers	Load / Speed Endurance Test	ECE R-54 (Cl No. 6.2)
194	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Commercial Vehicles and their Trailers	Measurement of Height / Arrangement of marking	ECE R-54 (Cl.No 3 & 3.3)
195	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Motor Cycles and Mopeds	Measurement of Height / Arrangement of marking	ECE R-75 (Cl.No 3.3)
196	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Motor Vehicles and their Trailers	Load Speed Performance Test	ECE R- 30 (Cl No 6.2)
197	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Motor Vehicles and their Trailers	Measurement of Height / Arrangement of marking	ECE R-30 (Cl.No 3 & 3.3)
198	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Motor vehicles and their Trailers	Measurement of Outer Diameter of Tyre	ECE R-30 (Cl. No 6.1.2 & 6.1.5))
199	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Motor Vehicles and their Trailers	Measurement of Section width of tyre	ECE R-30 (Cl No 6.1.1 & 6.1.4)
200	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Motorcycles and Mopeds	Load / Speed Performance Test	ECE R- 75 (Cl. No 6.2)
201	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Motorcycles and Mopeds	Measurement of Outer Diameter of Tyre	ECE R-75 (Cl.No 6.1.2 & 6.1.5)
202	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Motorcycles and Mopeds	Measurement of Section width of Tyre	ECE R-75 (Cl. No. 6.1.1 & 6.1.4)
203	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Passenger Car vehicles	Measurement of Height / Arrangement of marking	IS 15633 (Cl.No 5 & 5.4)

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204	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Passenger Car Vehicles	Measurement of Section width of Tyre	IS:15633 (Cl .No 4.1.1.1)
205	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Passenger Car Vehicles	Measurement of Tread- Wear Indicator Height	ECE R-30 (Cl. No 6.3)
206	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Passenger Car Vehicles	Measurement of Tread Wear Indicator Height	IS:15633 (Cl.No 4.5)
207	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Passenger Car Vehicles	Measurement of Tyre Outer Diameter	IS:15633 (Cl.No 4.1.1.2)
208	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Passenger Car Vehicles	Tyre Endurance Test	IS:15633 (Cl.No 4.3)
209	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Passenger Car Vehicles	Tyre Strength test (Plunger test)	IS:15633 (Cl. No 4.6)
210	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tyres for Two and Three Wheeled Motor Vehicles	Measurement of Height / Arrangement of marking	IS 15627 (Cl. No 5.2)
211	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber	% Compression Set	ASTM D395 (Method B)
212	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber	% Compression Set	IS:3400 Part 10
213	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber	% Elongation at break	ASTM D 412
214	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber	% Elongation at break	IS:3400 Part 1
215	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber	300% Modulus	ASTM D 412
216	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber	300% Modulus	IS:3400 Part 1
217	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber	Abrasion Resistance Index (ARI)	ASTM D 5963
218	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber	Abrasion Resistance Index (ARI)	IS:3400 Part 3
219	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber	Accelerated / Heat Ageing (Ambient to 200 degree C)	IS:3400 Part 4
220	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber	Accelerated/Heat Ageing (Ambient to 200 degree C)	ASTM D 573
221	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber	Density	ISO 2781 IS:3400 Part 9
222	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber	Hardness, Shore A	ASTM D 2240

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223	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber	Optimum Curing Time (OCT) (t90)	ASTM D 5289
224	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber	Scorch Time (TS1)	ASTM D 5289
225	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber	Scorch Time (TS2)	ASTM D 5289
226	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber	Scorch Time (TS5)	ASTM D 5289
227	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber	Specific Gravity	IS:3400 Part 9
228	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber	Tear Strength (Angular Test)	IS:3400 Part 17
229	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber	Tensile Strength	ASTM D 412
230	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber	Tensile Strength	IS:3400 Part 1
231	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber Vulcanizate	Tear Strength (Angular Test)	ASTM D624
232	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube	Air Tightness	IS:13098 (Cl.No.5)
233	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube	Tyre Tube - Marking	IS:13098 2012 (Cl.No.6)
234	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube	Tyre Tube - Tension Set (Set after ageing)	IS:13098 (Cl.No.4.1.3)
235	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube	Tyre Tube - Marking	IS:13098 (Cl.No.6)
236	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube	Tyre Tube - Splice Strength	IS:13098 (Cl.No.4.1.2)
237	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube	Tyre Tube - Strength of Splice	IS:13098 (Cl.No.4.1.2)
238	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube	Tyre Tube - Tension Set (Set after ageing)	IS:13098 (Cl.No.4.1.3)
239	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube	Tyre Tube - Thickness Uniformity	IS:13098 (3.3.1 & 3.3.2)
240	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube	Tyre Tube - Thickness Uniformity	IS:13098 (Cl.No.3.3.1 & 3.3.2)
241	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube	Tyre Tube - Workmanship and Form & Fit	IS:13098:2012 (Cl.No.3.3)

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242	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube	Tyre Tube - Workmanship and Form & Fit	IS:13098 (Cl.No.3.3)
243	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Valve Threads Dimensions (GO & NOGO)- Internal Plug Threads (5V1) External Ring Threads (8V1 & 12V1)	IS:9081 (Cl.No.4.3)
244	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Hardness Shore A	IS 9081 (Cl.No.6.3)
245	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Hardness Shore A	IS 9081 (Cl.No.6.3)
246	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Tyre Tube Valve - Adhesion Test	IS:9081 (Cl.No.6.5)
247	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Tyre Tube Valve - Bend Angle	IS:9081 (Cl.No.4.0)
248	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Tyre Tube Valve - Bend Angle	IS:9081 (Cl.No.4.0)
249	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Tyre Tube Valve - Bend Height	IS:9081 (Cl.No.4.0)
250	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Tyre Tube Valve - Bend Height	IS:9081 (Cl.No.4.0)
251	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Tyre Tube Valve - Bend Length	IS:9081 (Cl.No.4.0)
252	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Tyre Tube Valve – Bendability of Valve Metal Stem	IS:9081 (6.2)
253	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Tyre Tube Valve – Bendability of Valve Metal Stem	IS:9081 (Cl.No.6.2)
254	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Tyre Tube Valve - Buffing	IS:9081 (Cl.No.6.6)
255	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Tyre Tube Valve - Effective Length	IS:9081 (Cl.No.4.0)
256	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Tyre Tube Valve - Effective Length	IS:9081 (Cl.No.4.0)
257	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Tyre Tube Valve - Metal Stem Diameter	IS:9081 (Cl.No.4)
258	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Tyre Tube Valve - Other Dimensions (d1)	IS:9081 (Cl.No.4.0)
259	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Tyre Tube Valve - Other Dimensions (d1)	IS:9081 (Cl.No.4)

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260	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Tyre Tube Valve - Other Dimensions (d2)	IS:9081 (Cl.No.4)
261	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Tyre Tube Valve - Other Dimensions (d2)	IS:9081 (Cl.No.4.0)
262	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Tyre Tube Valve - Other Dimensions (d3)	IS:9081 (Cl.No.4)
263	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Tyre Tube Valve - Other Dimensions (d3)	IS:9081 (Cl.No.4.0)
264	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Tyre Tube Valve - Other Dimensions (d4)	IS:9081 (Cl.No.4)
265	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Tyre Tube Valve - Other Dimensions (d4)	IS:9081 (Cl.No.4.0)
266	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Tyre Tube Valve - Pull Out Strength of Rubber Base	IS:9081 (6.4)
267	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Tyre Tube Valve - Pull Out Strength of Rubber Base	IS:9081 (Cl.No.6.4)
268	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Tyre Tube Valve - Rubber Base Diameter	IS:9081 (Cl.No.4.0)
269	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Tyre Tube Valve - Rubber Base Thickness	IS:9081 (Cl.No.4.0)
270	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Valve Thread Dimensions (GO & NOGO) - Internal Plug Threads (8V1, 9V1, 13V1, 12V1 x 10 DEEP, 17V3) External Ring Threads (5V1, 9V1, 13V1, 17V3)	IS:9081 (Cl.No.4.3)
271	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve	Valve Threads Dimensions (GO & NOGO) - Internal Plug Threads (5V1) External Ring Threads (8V1 & 12V1)	IS:9081 (Cl.No.4.3)
272	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve & Core	Tyre Tube Valve & Core - Workmanship & Marking	IS 9081 (Cl.No.6.7 , 6.8, 7.5 & 7.6)
273	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre Tube Valve & Core	Tyre Tube Valve & Core - Workmanship & Marking	IS:9081 (Cl.No.6.7 , 6.8, 7.5 & 7.6)
274	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres for Agricultural vehicle and their Trailers	Measurement of Tyre Outer Diameter	IS:13154 (Cl.No 4.1.1.2)
275	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres for Agricultural vehicle and their Trailers	Measurement of Height/Arrangement of Marking	IS:13154 (Cl.No 5.4)
276	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres for Agricultural vehicle and their Trailers	Measurement of Height/Arrangement of Marking	ECE R-106 (Cl.No 3.5)

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277	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres for Agricultural vehicle and their Trailers	Measurement of outer Diameter of Tyre	ECE R-106 (Cl.No 6.2)
278	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres for Agricultural Vehicle and their Trailers	Measurement of Section Width of Tyre	ECE R-106 (Cl.No 6.1)
279	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Valve Core	Acceptable Operating Temperature	IS:9081 (7.4)
280	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Valve Core	Valve Core Interchangeability	IS:9081 (Cl.No.7.3)
281	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Valve Core	Valve Core Leakage	IS:9081 (7.2)
282	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Valve Core	Valve Core Leakage	IS:9081 (Cl.No.7.2)
283	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Auto Bulb	Lumen & Colour Measurement	AIS:034:(Part 1) (Rev.1)
284	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Auto Bulb	Lumen & Colour Measurement	ECE R 37
285	PHOTOMETRY- LUMINARIES	Daytime Running lamp	Lumen & colour measurement	AIS-012 (Part 10)(Rev.1)
286	PHOTOMETRY- LUMINARIES	Direction Indicator Lamp	Photometry & Colorimetry Test	AIS:010 (Part 3):Rev.1:2010 & AIS:010 (Part 5):Rev.1
287	PHOTOMETRY- LUMINARIES	Direction Indicator Lamp	Photometry & Colorimetry Test	AIS:012 (Part 5):(Rev.1):2011 & AIS:010 (Part 5):Rev.1
288	PHOTOMETRY- LUMINARIES	End-Outline Marker Lamps	Photometry & Colorimetry Test	AIS:012 (Part 6):Rev.1:2011 & AIS:010 (Part 5):Rev.1
289	PHOTOMETRY- LUMINARIES	Front Fog Lamp	Photometry & Colorimetry Test	AIS:012 (Part 1):Rev.1:2011 & AIS:010 (Part 5):Rev.1
290	PHOTOMETRY- LUMINARIES	Front Position Lamp	Photometry & Colorimetry Test	AIS:010 (Part 3):Rev.1:2010 & AIS:010 (Part 5):Rev.1
291	PHOTOMETRY- LUMINARIES	Front Position Lamp	Photometry & Colorimetry Test	AIS:012 (Part 6):Rev.1:2011 & AIS:010 (Part 5):Rev.1
292	PHOTOMETRY- LUMINARIES	Head Lamp- Driving Beam & Asymmetrical Passing Beam	Photometry & Colorimetry Test	AIS:010 (Part 1):Rev.1:2010 & AIS:010 (Part 5):Rev.1
293	PHOTOMETRY- LUMINARIES	Head Lamp- Driving Beam & Symmetrical Passing Beam	Photometry & Colorimetry Test	AIS:010 (Part 2):Rev.1:2010 & AIS:010 (Part 5):Rev.1
294	PHOTOMETRY- LUMINARIES	Parking Lamp	Photometry & Colorimetry Test	AIS:012 (Part 8):Rev.1:2011 & AIS:010 (Part 5):Rev.1

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL INSTITUTE OF ROAD TRANSPORT (CIRT), BHOSARI, PUNE - NASIK ROAD, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5623 **Page No** 18 of 18

Validity 09/03/2022 to 08/03/2024 **Last Amended on** 05/07/2022

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
295	PHOTOMETRY-LUMINARIES	Rear Fog Lamp	Photometry & Colorimetry Test	AIS:012 (Part 2):Rev.1:2011 & AIS:010 (Part 5):Rev.1
296	PHOTOMETRY-LUMINARIES	Rear Position Lamp	Photometry & Colorimetry Test	AIS:010 (Part 3):Rev.1:2010 & AIS:010 (Part 5):Rev.1
297	PHOTOMETRY-LUMINARIES	Rear Position Lamp	Photometry & Colorimetry Test	AIS:012 (Part 6):Rev.1:2011 & AIS:010 (Part 5):Rev.1
298	PHOTOMETRY-LUMINARIES	Reflex Reflector	Photometry & colorimetry Test	AIS:057 (Rev1)
299	PHOTOMETRY-LUMINARIES	Reversing Lamp	Photometry & Colorimetry Lamp	AIS:010 (Part 3):Rev.1:2010 & AIS:010 (Part 5):Rev.1
300	PHOTOMETRY-LUMINARIES	Reversing Lamp	Photometry & Colorimetry Test	AIS:012 (Part 7):Rev.1:2011 & AIS:010 (Part 5):Rev.1
301	PHOTOMETRY-LUMINARIES	Side-Marker Lamp	Photometry & Colorimetry Test	AIS:012 (Part 9):Rev.1:2011 & AIS:010 (Part 5):Rev.1
302	PHOTOMETRY-LUMINARIES	Stop Lamp	Photometry & Colorimetry Test	AIS:010 (Part 3):Rev.1:2010 & AIS:010 (Part 5):Rev.1
303	PHOTOMETRY-LUMINARIES	Stop Lamp	Photometry & Colorimetry Test	AIS:012 (Part 6):Rev.1:2011 & AIS:010 (Part 5):Rev.1