National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MRF R&D - CORPORATE TECHNICAL, KASI KOIL STREET, TIRUVOTTIYUR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 21/07/2022 to 20/07/2024 **Last Amended on** 11/08/2022

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
Permanent Facility				
1	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Accelerators - Thiazole / Sulphenamide / Guanidine	Ash%	ASTM D4574
2	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Accelerators - Thiazole / Sulphenamide / Guanidine	Melting Point	ASTM D1519-95,2019
3	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Acclerators - Thiazole / Sulphenamide / Guanidine	Insoluble %	ASTM D4934
4	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Antioxidant - p-Phenylene Diamine (6PPD)	Ash %	ASTM D4574
5	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Antioxidant -p-Phenylene Diamine (6PPD)	Melting point	ASTM D 1519
6	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Heat Loss %	ASTM D1509
7	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Iodine Adsorption Number	ASTM D1510
8	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon black	Nitrogen Surface Area (NSA)	ASTM D 6556
9	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Oil Absorption Number(OAN)	ASTM D2414
10	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Silica	pH	ASTM D 6739
11	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Silica	Volatile content	ASTM D6738
12	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sulphur	Ash%	ASTM D4574
13	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sulphur	Insoluble %	ASTM D4578
14	CHEMICAL- LUBRICANTS	Aromatic oil / Paraffinic oil	Aniline point	ASTM D611
15	CHEMICAL- LUBRICANTS	MC Wax	First Drop Melting Point	ASTM D127
16	CHEMICAL- PLASTIC & RESINS	Phenol Formaldehyde Resin / Resorcinol Formaldehyde Resin	Softening point	ASTM D6090
17	CHEMICAL- PLASTIC & RESINS	Trimethyl dihydro quinoline. (TMQ)	Ash %	ASTM D 4574
18	CHEMICAL- PLASTIC & RESINS	Trimethyl dihydro quinoline. (TMQ)	Softening point	ASTM D6090
19	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber compound and Product	Compositional analysis - Ash byTGA	ASTM D6370

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20	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber compound and Product	Compositional analysis - Carbon Black by TGA	ASTM D6370
21	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber compound and Product	Compositional analysis - Organics by TGA	ASTM D6370
22	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic latx- VP Latex	Total Solids content	ASTM D1417
23	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic rubber	Volatile Matter %	ASTM D5668
24	CHEMICAL- RUBBER & RUBBER PRODUCTS	VP Latex	pH	ASTM D 1417
25	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Air craft Tyres	Dynamic Testing : TAXI / TAKE OFF/ LANDING	Defence Research & Development organization (DRDO) 1. CEMILAC (Centre for Military Airworthiness and Certification) 2. Customer Approved standards -2009-2019 3. RCMA (Regional centers for Military Airworthiness)
26	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	BEAD SEATING PRESSURE	IS 10992-2
27	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	BEAD SEATING PRESSURE	ISO-3324-2
28	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	BEAD SEATING PRESSURE	MIL-PRF-5041K
29	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	ELECTRICAL CONDUCTIVITY	IS 10992-2
30	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	ELECTRICAL CONDUCTIVITY	ISO-3324-2
31	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	ELECTRICAL CONDUCTIVITY	ITSO_C62e
32	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	ELECTRICAL CONDUCTIVITY	MIL-PRF-5041K
33	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	ELECTRICAL CONDUCTIVITY	MIL-T-5041H
34	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	ELECTRICAL CONDUCTIVITY	TSO_C62e
35	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	HYDROBURST	IS 10992-2

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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
36	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	HYDROBURST	ISO-3324-2
37	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	HYDROBURST	ITSO_C62e
38	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	HYDROBURST	MIL-PRF-5041K
39	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	HYDROBURST	MIL-T-5041H
40	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	HYDROBURST	TSO_C62e
41	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	INFLATED TYRE DIMENSION - Non skid Depth	IS 10992-2
42	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	INFLATED TYRE DIMENSION - Non skid Depth	TSO_C62e
43	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	INFLATED TYRE DIMENSION - Non skid Depth	ITSO_C62e
44	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	INFLATED TYRE DIMENSION - Non skid Depth	ISO-3324-2
45	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	INFLATED TYRE DIMENSION - Non skid Depth	MIL-PRF-5041K
46	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	INFLATED TYRE DIMENSION - Non skid Depth	MIL-T-5041H
47	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	INFLATED TYRE DIMENSION - OVERALL DIAMETER	ITSO_C62e
48	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	INFLATED TYRE DIMENSION - OVERALL DIAMETER	TSO_C62e
49	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	INFLATED TYRE DIMENSION - OVERALL DIAMETER	IS 10992-2
50	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	INFLATED TYRE DIMENSION - OVERALL DIAMETER	ISO-3324-2
51	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	INFLATED TYRE DIMENSION - OVERALL DIAMETER	MIL-PRF-5041K
52	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	INFLATED TYRE DIMENSION - OVERALL DIAMETER	MIL-T-5041H
53	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	INFLATED TYRE DIMENSION - Section width	MIL-PRF-5041K
54	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	LEAK TEST	IS 10992-2

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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
55	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	LEAK TEST	ISO-3324-2
56	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	LEAK TEST	ITSO_C62e
57	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	LEAK TEST	MIL-PRF-5041K
58	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	LEAK TEST	MIL-T-5041H
59	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	LEAK TEST	TSO_C62e
60	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Compounded Rubber	Prevulcanization Characteristics - T35	ASTM D1646
61	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Compounded Rubber	Vulcanization Characteristics - Cure Time	ASTM D5289
62	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Compounded Rubber	Vulcanization Characteristics - Torque	ASTM D5289
63	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Compounded Rubber	Prevulcanization Characteristics - Minimum Viscosity(MV)	ASTM D1646
64	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Compounded Rubber	Prevulcanization Characteristics - T5	ASTM D1646
65	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Farm Tyres	HYDROBURST	ECE : R-106
66	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Farm Tyres	Hydroburst	ECE R 106
67	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	BEAD UNSEAT TEST	AIS :044 PART 2
68	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	BEAD UNSEAT TEST	FMVS : 49CFR 571.139
69	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	BEAD UNSEAT TEST	GSO: 51/52/53
70	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	BEAD UNSEAT TEST	IND/VEH/2079
71	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	BEAD UNSEAT TEST	IS :15633
72	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	BEAD UNSEAT TEST	PNS 25

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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
73	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	BEAD UNSEAT TEST	SNI 0098
74	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	DIMENSION - Over all Diameter	FMVSS : 49CFR 571.139
75	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	DIMENSION - Overall Diameter	ECE :R30
76	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	DIMENSION - Section width	ECE :R30
77	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	DIMENSION - Section width	FMVSS : 49CFR 571.139
78	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	DIMENSION - Section width	IND/VEH/2079
79	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	DIMENSION - Section width	IS :15633
80	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	DIMENSION - Tread wear indicator Height	ECE :R30
81	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	DIMENSION - Tread wear indicator Height	FMVSS : 49CFR 571.139
82	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	DIMENSION - Tread wear indicator Height	IS :15633
83	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	DIMENSION -Over all Diameter	IND/VEH/2079
84	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	DIMENSION- Overall Diameter	IS :15633
85	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	DIMENSION-Outer Diameter	AIS : 044 PART 2
86	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	DIMENSION-Outer Diameter	GSO : 51/52/53
87	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	DIMENSION-Outer Diameter	PNS 25
88	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	DIMENSION-Outer Diameter	SNI 0098
89	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	DIMENSION-Section width	AIS : 044 PART 2
90	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	DIMENSION-Section width	GSO : 51/52/53
91	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	DIMENSION-Section width	PNS 25

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92	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	DIMENSION-Section width	SNI 0098
93	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	DIMENSION-Tread wear indicator Height	AIS : 044 PART 2
94	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	DIMENSION-Tread wear indicator Height	GSO : 51/52/53
95	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	DIMENSION-Tread wear indicator Height	PNS 25
96	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	DIMENSION-Tread wear indicator Height	SNI 0098
97	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	ENDURANCE TEST	AIS :044 PART 2
98	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	ENDURANCE TEST	FMVSS : 49CFR 571.139
99	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	ENDURANCE TEST	GSO :51/52/53
100	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	ENDURANCE TEST	IND/VEH/2079
101	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	ENDURANCE TEST	IS :15633
102	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	ENDURANCE TEST	PNS 25
103	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	ENDURANCE TEST	SNI 0098
104	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	HIGHSPEED (LOAD SPEED PERFORMACE TEST)	PNS 25
105	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	HIGHSPEED (LOAD SPEED PERFORMACE TEST)	SNI 0098
106	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	HIGHSPEED (LOAD SPEED PERFORMANCE TEST	FMVSS : 49CFR 571.139
107	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	HIGHSPEED (LOAD SPEED PERFORMANCE TEST)	AIS :044 PART 2
108	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	HIGHSPEED (LOAD SPEED PERFORMANCE TEST)	ECE :R30
109	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	HIGHSPEED (LOAD SPEED PERFORMANCE TEST)	GSO : 51/52/53
110	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	HIGHSPEED (LOAD SPEED PERFORMANCE TEST)	IND/VEH/2079

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111	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	HIGHSPEED (LOAD SPEED PERFORMANCE TEST)	IS :15633
112	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	ROLLING RESISTANCE COEFFICIENT	AIS 142
113	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	ROLLING RESISTANCE COEFFICIENT	ECE :R117
114	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	ROLLING RESISTANCE COEFFICIENT	GSO/ECE R117
115	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	ROLLING RESISTANCE COEFFICIENT	ISO :28580
116	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	ROLLING RESISTANCE COEFFICIENT	ISO :18164
117	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	ROLLING RESISTANCE COEFFICIENT	SAE :J2452
118	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	ROLLING RESISTANCE COEFFICIENT	SASO 2857
119	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger car tyres	Tread wear indicator height	IND/VEH 2079
120	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	TYRE STRENGTH (PLUNGER)	AIS :044 PART 2
121	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	TYRE STRENGTH (PLUNGER)	FMVSS : 49CFR 571.139
122	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	TYRE STRENGTH (PLUNGER)	GSO : 51/52/53
123	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	TYRE STRENGTH (PLUNGER)	IND/VEH/2079
124	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	TYRE STRENGTH (PLUNGER)	IS :15633
125	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	TYRE STRENGTH (PLUNGER)	PNS 25
126	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	TYRE STRENGTH (PLUNGER)	SNI 0098
127	MECHANICAL- RUBBER AND RUBBER PRODUCTS	SBR/BR/IIR/EPDM/CIIR/BIIR/CR	Mooney Viscosity	ASTM D1646
128	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	HIGHSPEED (LOAD SPEED PERFORMANCE TEST)	ECE :R 54
129	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	Section width	IS :15636

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130	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	HIGHSPEED (LOAD SPEED PERFORMACE TEST)	SNI 0099
131	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	ROLLING RESISTANCE COEFFICIENT	SAE :J2452
132	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light truck tyres	Dimension - Tread wear indicator height	PNS 25
133	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	DIMENSION-Outer Diameter	PNS 25
134	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	DIMENSION-Outer Diameter	SNI 0099
135	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	DIMENSION-Outer Diameter	SNI 0100
136	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	DIMENSION-Section width	SNI 0099
137	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	DIMENSION-Section width	SNI 0100
138	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	DIMENSION-Tread wear indicator Height	PNS 25
139	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	DIMENSION-Tread wear indicator Height	SNI 0099
140	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	DIMENSION-Tread wear indicator Height	SNI 0100
141	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light truck tyres	Endurance	SNI 0100
142	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	ENDURANCE TEST	AIS :044 PART 1
143	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	ENDURANCE TEST	ECE: R 54
144	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	ENDURANCE TEST	FMVSS : 49CFR 571.119
145	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light truck Tyres	ENDURANCE TEST	GSO :646/647
146	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	ENDURANCE TEST	IND/VEH/2079
147	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	ENDURANCE TEST	IS :15636
148	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	ENDURANCE TEST	PNS25

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149	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	ENDURANCE TEST	SNI 0099
150	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	HIGHSPEED (LOAD SPEED PERFORMACE TEST)	AIS :044 PART 1
151	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	HIGHSPEED (LOAD SPEED PERFORMACE TEST)	PNS 25
152	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	HIGHSPEED (LOAD SPEED PERFORMACE TEST)	SNI 0100 / 0099
153	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	HIGHSPEED (LOAD SPEED PERFORMANCE TEST)	FMVSS : 49CFR 571.119
154	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	HIGHSPEED (LOAD SPEED PERFORMANCE TEST)	IS :15636
155	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	Overall Diameter	ECE :R 54
156	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	Overall Diameter	FMVSS :49CFR 571.119
157	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	Overall Diameter	GSO : 646/647
158	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	Overall Diameter	GSO :645
159	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	Overall Diameter	IND/VEH/2079
160	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	Overall Diameter	IS :15636
161	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	ROLLING RESISTANCE COEFFICIENT	AIS 142
162	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	ROLLING RESISTANCE COEFFICIENT	ECE R117
163	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	ROLLING RESISTANCE COEFFICIENT	GSO/ECE R117
164	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	ROLLING RESISTANCE COEFFICIENT	ISO :18164
165	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	ROLLING RESISTANCE COEFFICIENT	ISO :28580
166	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	ROLLING RESISTANCE COEFFICIENT	SAE :J1269
167	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	ROLLING RESISTANCE COEFFICIENT	SASO:2857

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168	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	Section width	ECE :R 54
169	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	Section width	FMVSS :49CFR 571.119
170	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	Section width	GSO : 646/647
171	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	Section width	GSO :645
172	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	Section width	IND/VEH/2079
173	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	Tread wear indicator Height	ECE :R 54
174	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	Tread wear indicator Height	FMVSS :49CFR 571.119
175	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	Tread wear indicator Height	GSO : 646/647
176	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	Tread wear indicator Height	GSO :645
177	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	Tread wear indicator Height	IND/VEH/2079
178	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	Tread wear indicator Height	IS :15636
179	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	TYRE STRENGTH (PLUNGER)	AIS :044 PART 1
180	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	TYRE STRENGTH (PLUNGER)	FMVSS : 49CFR 571.119
181	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	TYRE STRENGTH (PLUNGER)	GSO :645
182	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	TYRE STRENGTH (PLUNGER)	GSO :646/647
183	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	TYRE STRENGTH (PLUNGER)	IND/VEH/ :2079
184	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	TYRE STRENGTH (PLUNGER)	IS :15636
185	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	TYRE STRENGTH (PLUNGER)	PNS 25
186	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light Truck Tyres	TYRE STRENGTH (PLUNGER)	SNI 0100

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187	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck and Light truck	ENDURANCE TEST	GSO :645
188	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	DIMENSION - Overall Diameter	GSO/ECE R75
189	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	DIMENSION - Section width	ECE :R75
190	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	DIMENSION - Section width	FMVSS : 49CFR 571.119
191	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	DIMENSION - Section width	GSO/ECE R75
192	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	DIMENSION - Section width	IS :15627
193	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	DIMENSION - Tread wear indicator Height	ECE :R75
194	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	DIMENSION - Tread wear indicator Height	IS :15627
195	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	ENDURANCE TEST	AIS :044 PART 3
196	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	ENDURANCE TEST	FMVSS : 49CFR 571.119
197	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	ENDURANCE TEST	IS :15627
198	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	DIMENSION-Section width	AIS : 044 PART 3
199	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	DIMENSION - Overall Diameter	ECE :R75
200	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	DIMENSION - Overall Diameter	FMVSS : 49CFR 571.119
201	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	DIMENSION - Overall Diameter	IS :15627
202	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	DIMENSION - Tread wear indicator Height	FMVSS : 49CFR 571.119
203	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	DIMENSION - Tread wear indicator Height	GSO/ECE R75
204	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	DIMENSION-Outer Diameter	AIS : 044 PART 3
205	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler tyres	Dimension-Outer diameter	PNS 25

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206	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	DIMENSION-Outer Diameter	SNI 0101
207	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler tyres	Dimension-Section width	PNS 25
208	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	DIMENSION-Section width	SNI 0101
209	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	DIMENSION-Tread wear indicator Height	AIS : 044 PART 3
210	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler tyres	Dimension-tread wear indicator height	PNS 25
211	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	DIMENSION-Tread wear indicator Height	SNI 0101
212	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	ENDURANCE TEST	GSO /ISO : 10231
213	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler tyres	ENDURANCE TEST	PNS 25
214	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	ENDURANCE TEST	SNI 0101
215	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	HIGHSPEED (LOAD SPEED PERFORMACE TEST)	SNI 0101
216	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	HIGHSPEED (LOAD SPEED PERFORMANCE TEST)	AIS :044 PART 3
217	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	HIGHSPEED (LOAD SPEED PERFORMANCE TEST)	ECE :R75
218	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	HIGHSPEED (LOAD SPEED PERFORMANCE TEST)	GSO/ECE R75
219	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	HIGHSPEED (LOAD SPEED PERFORMANCE TEST)	IS :15627
220	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler tyres	HIGHSPEED (LOAD SPEED PERFORMANCE TEST)	PNS 25
221	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	TYRE STRENGTH (PLUNGER)	AIS :044 PART 3
222	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	TYRE STRENGTH (PLUNGER)	GSO /ISO : 10231
223	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	TYRE STRENGTH (PLUNGER)	IS :15627
224	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler tyres	TYRE STRENGTH (PLUNGER)	PNS 25

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225	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Two wheeler and three wheeler Tyres	TYRE STRENGTH (PLUNGER)	SNI 0101
226	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Acclerated Ageing Test - % Change in Elongation Break	ASTM D573
227	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Abrasion Loss	ASTM D 5963
228	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Accelerated ageing test % Change in Hardness	ASTM D 573
229	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Accelerated ageing test % Change in Tear strength	ASTM D 573
230	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Acclerated Ageing Test- % change in Tensile Strength	ASTM D573
231	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Compression set	ASTM D 395
232	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Crack Growth	ASTM D 813
233	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Delta T	ASTM D 623
234	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Durometer Hardness	ASTM D2240
235	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Dynamic Fatigue (Cycles to failure)	ASTM D 430
236	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Elastic modulus	ASTM D 5992
237	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Elongation @ Break (EB)	ASTM D412 (A)
238	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Lower Temperature ageing test- % Change in EB	C-TC-TP-NO.33
239	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Lower Temperature ageing test- % Change in Hardness	C-TC-TP-NO.33
240	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Lower Temperature ageing test % Change in TS	C-TC-TP-NO.33
241	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Modulus 300%	ASTM D412 (A)
242	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Rebound Resilience	ASTM D 7121
243	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Tan Delta	ASTM D 5992

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244	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Tear Strength	ASTM D 624
245	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Tensile Strength	ASTM D412
246	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber / Tyre	Ozone Resistance	ASTM D 1149
247	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	INFLATED TYRE DIMENSION - Section width	IS 10992-2
248	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	INFLATED TYRE DIMENSION - Section width	ISO-3324-2
249	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	INFLATED TYRE DIMENSION - Section width	ITSO_C62e
250	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	INFLATED TYRE DIMENSION - Section width	MIL-T-5041H
251	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Aircraft Tyres	INFLATED TYRE DIMENSION - Section width	TSO_C62e
252	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light truck Tyres	Dimension - Outer Diameter	AIS : 044 Part 1
253	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light truck Tyres	Dimension - Section width	AIS : 044 Part 1
254	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light truck Tyres	Dimension - Tread wear indicator	AIS : 044 Part 1
255	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck & Light truck Tyres	Dimension : Section width	PNS 25
256	MECHANICAL- TEXTILE MATERIALS	Dipped Tyre cord	Breaking Strength	ASTM D885M
257	MECHANICAL- TEXTILE MATERIALS	Dipped Tyre cord	Elongation @ specified load (Intermediate Elongation)	ASTM D885M
258	MECHANICAL- TEXTILE MATERIALS	Dipped Tyre cord	Elongation @ Break	ASTM D885M
259	MECHANICAL- TEXTILE MATERIALS	Dipped Tyre cord	Thermal Shrinkage	ASTM D4974
260	MECHANICAL- TEXTILE MATERIALS	Greige Tyre cord	Breaking Strength	ASTM D885M
261	MECHANICAL- TEXTILE MATERIALS	Greige Tyre cord	Elongation @ Break	ASTM D885M
262	MECHANICAL- TEXTILE MATERIALS	Greige Tyre cord	Elongation @ specified load (Intermediate Elongation)	ASTM D885M

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263	MECHANICAL- TEXTILE MATERIALS	Steel Tyre cord	Adhesion - Pull out force	ASTM D2229
264	MECHANICAL- TEXTILE MATERIALS	Steel Tyre cord	Lay- Length	BISFA
265	MECHANICAL- TEXTILE MATERIALS	Steel Tyre cord	Breaking Strength	BISFA
266	MECHANICAL- TEXTILE MATERIALS	Tyre Bead Wire	Adhesion	ASTM D1871
267	MECHANICAL- TEXTILE MATERIALS	Tyre Bead Wire	Thickness	ASTM D4975
268	MECHANICAL- TEXTILE MATERIALS	Tyre Bead Wire	Breaking Strength	ASTM D4975
269	MECHANICAL- TEXTILE MATERIALS	Tyre Bead wire	Elongation @ Break	ASTM D4975
270	MECHANICAL- TEXTILE MATERIALS	Tyre strip	Ply Separation test (2-3 ply)	ASTM D413

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Site Facility				
1	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Light Truck Tyres	Rolling Sound Emissions	AIS :142
2	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Light Truck Tyres	Rolling Sound Emissions	ECE R117
3	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Light truck tyres	Wet grip	AIS:142
4	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Light truck tyres	Wet grip	ECE R117
5	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	Rolling Sound Emissions	AIS :142
6	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	Rolling Sound Emissions	ECE R117
7	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger car Tyres	Wet grip	AIS:142
8	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Passenger Car Tyres	Wet grip	ECE R117
9	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck tyres	Rolling Sound Emissions	AIS :142
10	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck tyres	Rolling Sound Emissions	ECE R117
11	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck Tyres	Wet grip	AIS : 142
12	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Truck Tyres	Wet grip	ECE R117