SCOPE OF ACCREDITATION

Laboratory Name : R&D, CEAT LIMITED, AT & PO GETMUWALA, TAL HALOL, DISTRICT PANCHMAHAL, HALOL, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10563 **Page No** 1 of 5

Validity 26/04/2022 to 25/04/2024 **Last Amended on** -

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- RUBBER & RUBBER PRODUCTS	Filler	Ash Content- Carbon black	ASTM D1506
2	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler	Heat Loss of Carbon Black	ASTM D1509 Method A
3	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler	Heat Loss of Carbon Black	ASTM D1509 Method B
4	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler	Heat Loss of Silica	ASTM D6738
5	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler	Ignition Loss of Silica	ASTM D1208
6	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler	pH of Carbon Black	ASTM D1512-15b
7	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler	pH of Silica	ASTM D6739
8	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler	SiO2 Content	ASTM D297
9	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler	Surface Area of Carbon Black	ASTM D6556
10	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler	Surface Area of Carbon Black	ASTM D6556
11	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler	Surface Area of Silica	ASTM D1993
12	CHEMICAL- RUBBER & RUBBER PRODUCTS	INDUSTRIAL & FINE CHEMICALS	RI of wax	ASTM D1747
13	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural rubber	Ash Content	ASTM D1278
14	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber (Natural & Synthetic)	Total extractable	ISO 1407-B
15	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Chemical	Ash Content (p-Phenylene diamine, Benzothiazole)	ASTM D4574
16	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber chemical	Ash Content (Sulfur)	ASTM D4574
17	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber chemical	Heat loss of ZnO	ASTM D280A
18	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber compound	Comp Analysis : Extractable	ISO 1407-B

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10563 **Page No** 2 of 5

Validity 26/04/2022 to 25/04/2024 **Last Amended on** -

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19	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber compound	Polymer Identification	ISO 4650
20	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber compound	SiO2 Content	ASTM D297
21	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber compound	Total Ash Content	ASTM D297
22	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic rubber	Ash Content	ASTM D5667
23	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic rubber	Volatile Content	ASTM D5668
24	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Elastomeric Materials	DIN Abrasion loss	ASTM D5963
25	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Elastomeric Materials	Elongation at break %	ASTM D412 (Die C)
26	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Elastomeric Materials	Hardness	ASTM D2240
27	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Elastomeric Materials	Modulus @ 100%	ASTM D412 (Die C)
28	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Elastomeric Materials	Modulus @ 300%	ASTM D412 (Die C)
29	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Elastomeric Materials	MOONEY SCORCH@ 125°C	ASTM D1646
30	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Elastomeric Materials	Specific gravity	ISO 2781
31	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Elastomeric Materials	Tensile strength	ASTM D412 (Die C)
32	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Elastomeric Materials	Thickness	ASTM D3767
33	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Polymer/ Elastomeric Materials	Mooney Viscosity ML (1+4)	ASTM D1646
34	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre	Endurance Test	FMVSS 139
35	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre	Endurance Test	IS 15633
36	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre	Endurance Test	IS 15636
37	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre	High Speed Test	IS 15633

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10563 **Page No** 3 of 5

Validity 26/04/2022 to 25/04/2024 **Last Amended on** -

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38	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Aligning Stiffness	GMW 15204
39	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Aligning Stiffness	SAE 1987
40	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Cornering Stiffness	GMW 15204
41	MECHANICAL- RUBBER AND RUBBER PRODUCTS	TYRES	Cornering Stiffness	SAEJ 1987
42	MECHANICAL- RUBBER AND RUBBER PRODUCTS	TYRES	Dimension - Outer Diamater	E/ECE/324-Regulation 54
43	MECHANICAL- RUBBER AND RUBBER PRODUCTS	TYRES	Dimension - Outer Diameter	AIS 044 Part II
44	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Dimension - Outer Diameter	AIS 044 Part III
45	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Dimension - Outer Diameter	FMVSS 109
46	MECHANICAL- RUBBER AND RUBBER PRODUCTS	TYRES	Dimension - Outer Diameter	IS 15633
47	MECHANICAL- RUBBER AND RUBBER PRODUCTS	TYRES	Dimension - Outer Diamter	AIS 044 Part 1
48	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Dimension - Section Width	AIS 044 Part 1
49	MECHANICAL- RUBBER AND RUBBER PRODUCTS	TYRES	Dimension- Outer Diameter	E/ECE/324 Regulation 30
50	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Dimension- Outer Diameter	FMVSS 139
51	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Dimension- Outer Diameter	IS 15627
52	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Dimension- Section Width	AIS 044 Part II
53	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Dimension- Section Width	AIS 044 Part III
54	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Dimension- Section Width	E/ECE/324 Regulation 30
55	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Dimension- Section Width	E/ECE/324 Regulation 54
56	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Dimension- Section Width	FMVSS 109

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10563 **Page No** 4 of 5

Validity 26/04/2022 to 25/04/2024 **Last Amended on** -

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57	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Dimension- Section Width	FMVSS 119
58	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Dimension- Section Width	FMVSS 139
59	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Dimension- Section Width	IS 15633
60	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Dimension- Section Width	IS 15636
61	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Dimension- Section Width	IS15627
62	MECHANICAL- RUBBER AND RUBBER PRODUCTS	TYRES	Dimension: Outer Diameter	IS15636
63	MECHANICAL- RUBBER AND RUBBER PRODUCTS	TYRES	Dimensions: Outer Diamater	FMVSS 119
64	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Electrical Resistance	ASTM F 1971
65	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Electrical Resistance	ISO 16392
66	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Endurance Test	FMVSS 109
67	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Endurance Test	FMVSS 119
68	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Endurance Test	IS 15627
69	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	High Speed Endurance	IS 15627
70	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	High Speed Test	E/ECE/324 R30
71	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Rolling Resistance	ISO 18164
72	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Rolling Resistance	ISO 18164
73	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Rolling Resistance	ISO 25850
74	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Rolling Resistance	ISO 28580
75	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Stiffness (X) : Lateral	AIS 044 Part II

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10563 **Page No** 5 of 5

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76	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Stiffness (X) : Tangential	AIS 044 Part I
77	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Stiffness (X) : Tangential	AIS 044 Part II
78	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Stiffness (Y) :Lateral	AIS 044 Part I
79	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Stiffness (Z) : Radial	AIS 044 Part I
80	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Stiffness (Z) : Radial	AIS 044 Part II
81	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Tread Wear Indicator (TWI)	AIS 044 Part I
82	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Tread Wear Indicator (TWI)	AIS 044 Part II
83	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Tread Wear Indicator (TWI)	AIS 044 Part III
84	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Tread Wear Indicator (TWI)	IS 15627
85	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Tread Wear Indicator (TWI)	IS 15633
86	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyres	Tread Wear Indicator (TWI)	IS 15636