National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CONTROLLERATE OF QUALITY ASSURANCE (VEHICLES) LABORATORY, AURANGABAD ROAD, AHMEDNAGAR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7821 **Page No** 1 of 6

Validity 27/04/2022 to 26/04/2024 **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	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Automotive Vehicles	Automotive Vehicles - Method of Evaluation for Step Climbing	CQAV Specification JSG XXXXTest Number 29
2	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Automotive Vehicles	Automotive Vehicles - Method of Test for Articulation	IS.13506 Reaffirmed 2018 Cl: 4
3	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Automotive Vehicles	Automotive Vehicles - Turning Circle and Maneuverability	IS.12222 Reaffirmed 2021 Cl.5 & 6
4	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Hydraulic Jack	Dimensional Check - i) Max Closed Height ii) Min total lift iii) Min Extended Height iv) Saddle Width/Dia	IS 4552 Pt-II, Cl: 7.1.2
5	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Hydraulic Jack	Load sustaining	IS 4552 Pt-II, Cl:7.1.8
6	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Hydraulic Jack	No Load Test	IS 4552 Pt-II, Cl:7.1.3
7	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Hydraulic Jack	Operating Torque	IS 4552 Pt-II,Cl:7.1.9
8	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Hydraulic Jack	Overload test after Performance	IS 4552 Pt -II,Cl:7.1.7
9	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Hydraulic Jack	Overload test before Performance	IS 4552 Pt-II,Cl:7.1.4
10	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Hydraulic Jack	Performance	IS 4552 Pt-II,Cl:7.1.5
11	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Hydraulic Jack	Safety Valve Opening	IS 4552 Pt-II,Cl:7.1.6
12	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Hydraulic Jack	Visual Test	IS 4552 Pt-II, Cl: 7.1.1
13	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Jack	Dimensional Check	IS 4552 Pt-I, Cl:7.1.2

SCOPE OF ACCREDITATION

Laboratory Name : CONTROLLERATE OF QUALITY ASSURANCE (VEHICLES) LABORATORY, AURANGABAD ROAD, AHMEDNAGAR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7821 **Page No** 2 of 6

Validity 27/04/2022 to 26/04/2024 **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
14	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Jack	No Load	IS 4552 Pt-I, Cl:7.1.3
15	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Jack	Operating Torque	IS 4552 Pt-I, Cl:7.1.7
16	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Jack	Over Load Test before Performance	IS 4552 Pt-I, Cl:7.1.4
17	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Jack	Overload Test after Performance	IS 4552 Pt-I, Cl:7.1.7
18	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Jack	Performance	IS 4552 Pt-I, Cl:7.1.5
19	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Portable Jack	Visual	IS 4552 Pt-I, Cl:7.1.1
20	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres (Two & Three Wheeled Motor Vehicles)	Tyre Strength (Plunger Test)	IS:15627, Cl 4.4
21	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres (Commercial Vehicles)	Tyre Strength (Plunger Test)	IND/VEH/2079/2018 Issue No 2,Cl 7.10
22	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres (Commercial Vehicles)	Tyre Strength (Plunger Test)	IS:15636, Cl 4.5
23	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres (Passenger Car Vehicles)	Tyre Strength (Plunger Test)	IND/VEH/2079/2018 Issue No 2, Cl: 7.10
24	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres (Passenger Car Vehicles)	Tyre Strength (Plunger Test)	IS:15633, Cl 4.6
25	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres (Passenger Cars)	Visual and Marking	IND/VEH/2079/2018 Issue No:02,Cl: 8
26	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres (Passenger Cars)	Visual and Marking	IS 15633, Cl: 5
27	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres (Two & Three Wheeled Motor Vehicles)	Tyre Strength (Plunger Test)	IND/VEH/2079/2018 Issue No 2, Cl 7.10
28	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Commercial Vehicles)	Endurance	IND/VEH/2079/2018 Issue No:02, Cl: 7.8
29	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Commercial Vehicles)	Endurance	IS 15636, Cl:4.2
30	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Commercial Vehicles)	Load/Speed Performance	IND/VEH/2079/2018 Issue No:02, Cl:7.9

SCOPE OF ACCREDITATION

Laboratory Name : CONTROLLERATE OF QUALITY ASSURANCE (VEHICLES) LABORATORY, AURANGABAD ROAD, AHMEDNAGAR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7821 **Page No** 3 of 6

Validity 27/04/2022 to 26/04/2024 **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
31	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Commercial Vehicles)	Load/Speed Performance	IS 15636, Cl: 4.3
32	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Commercial Vehicles)	Tread Wear Indicators	IND/VEH/2079/2018 Issue No:02, Cl:8.1
33	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Commercial Vehicles)	Tread Wear Indicators	IS 15636, Cl:4.4
34	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Commercial Vehicles)	Tyre Dimensions i) Section Width	IND/VEH/2079/2018 Issue No:02, Cl: 7.7.4
35	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Commercial Vehicles)	Tyre Dimensions i) Section Width	IS 15636, Cl: 4.1.1.1
36	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Commercial Vehicles)	Tyre Dimensions ii) Outer Diameter	IND/VEH/2079/2018 Issue No:02, Cl:7.7.3
37	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Commercial Vehicles)	Tyre Dimensions ii) Outer Diameter	IS 15636, Cl: 4.1.1.2
38	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Commercial Vehicles)	Visual and Marking	IND/VEH/2079/2018 Issue No:02, Cl: 8
39	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Commercial Vehicles)	Visual and Marking	IS 15636, Cl: 5
40	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Passenger Cars)	Endurance	IND/VEH/2079/2018 Issue No:02, Cl: 7.8
41	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Passenger Cars)	Endurance	IS 15633, Cl: 4.3
42	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Passenger Cars)	Load/Speed Performance	IND/VEH/2079/2018 Issue No:02, Cl: 7.9
43	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Passenger Cars)	Load/Speed Performance	IS 15633, Cl: 4.2
44	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Passenger Cars)	Tread Wear Indicators	IND/VEH/2079/2018 Issue No:02, Cl: 8.1
45	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Passenger Cars)	Tread Wear Indicators	IS 15633, Cl: 4.5
46	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Passenger Cars)	Tyre Dimensions i) Section Width	IND/VEH/2079/2018 Issue No:02, Cl: 7.7.4
47	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Passenger Cars)	Tyre Dimensions i) Section Width	IS 15633, Cl: 4.1.1.1
48	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Passenger Cars)	Tyre Dimensions ii)Outer Diameter	IND/VEH/2079/2018 Issue No:02, Cl: 7.7.3
49	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Passenger Cars)	Tyre Dimensions ii)Outer Diameter	IS 15633,Cl: 4.1.1.2

SCOPE OF ACCREDITATION

Laboratory Name : CONTROLLERATE OF QUALITY ASSURANCE (VEHICLES) LABORATORY, AURANGABAD ROAD, AHMEDNAGAR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7821 **Page No** 4 of 6

Validity 27/04/2022 to 26/04/2024 **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
50	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Two & Three Wheeled Motor Vehicles)	Endurance	IND/VEH/2079/2018 Issue No:02, Cl: 7.8
51	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Two & Three Wheeled Motor Vehicles)	Endurance	IS 15627, Cl: 4.5
52	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Two & Three Wheeled Motor Vehicles)	Load/Speed Performance	IND/VEH/2079/2018 Issue No:02, Cl: 7.9
53	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Two & Three Wheeled Motor Vehicles)	Load/Speed Performance	IS 15627, Cl: 4.2
54	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Two & Three Wheeled Motor Vehicles)	Tread Wear Indicators	IND/VEH/2079/2018 Issue No:02, Cl: 8.1
55	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Two & Three Wheeled Motor Vehicles)	Tread Wear Indicators	IS 15627, Cl: 4.6
56	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Two & Three Wheeled Motor Vehicles)	Tyre Dimensions i) Section Width	IND/VEH/2079/2018 Issue No:02, Cl: 7.7.4
57	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Two & Three Wheeled Motor Vehicles)	Tyre Dimensions i) Section Width	IS 15627, Cl: 4.1.1.1
58	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Two & Three Wheeled Motor Vehicles)	Tyre Dimensions ii) Outer Diameter	IND/VEH/2079/2018 Issue No:02, Cl: 7.7.3
59	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Two & Three Wheeled Motor Vehicles)	Tyre Dimensions ii) Outer Diameter	IS 15627, Cl: 4.1.1.2
60	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Two & Three Wheeled Motor Vehicles)	Visual and Marking	IND/VEH/2079/2018 Issue No:02, Cl: 8
61	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Automotive Tyres(Two & Three Wheeled Motor Vehicles)	Visual and Marking	IS 15627, Cl: 5
62	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Pneumatic Tube	Pull Out Strength of Rubber Based Values	IS 9081, Cl: 6.4
63	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Abrasion resistance Relative Volume Loss	IS 3400 Pt-III, Cl.2.2
64	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber - NR, SBR, NBR, CR & IIR	Compression Set	IS 3400 Pt-X
65	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber - NR, SBR, NBR, CR & IIR	Density	IS 3400 Pt-IX (Method A), Cl. 9.2
66	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber - NR, SBR, NBR, CR & IIR	Identification of Vulcanized Rubber	IS 3400 Pt-XXII, Cl. 3
67	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber - NR, SBR, NBR, CR & IIR	Resistance to the Action of Liquid Change in % Elongation	IS 3400 Pt VI, Cl:8.7
68	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber - NR, SBR, NBR, CR & IIR	Resistance to the Action of Liquid Change in Hardness	IS 3400 Pt-VI, Cl:8.6

SCOPE OF ACCREDITATION

Laboratory Name : CONTROLLERATE OF QUALITY ASSURANCE (VEHICLES) LABORATORY, AURANGABAD ROAD, AHMEDNAGAR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7821 **Page No** 5 of 6

Validity 27/04/2022 to 26/04/2024 **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
69	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber - NR, SBR, NBR, CR & IIR	Resistance to the Action of Liquid Change in Tensile strength	IS 3400 Pt-VI, Cl:8.7
70	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber - NR, SBR, NBR, CR & IIR	Resistance to the Action of Liquid Change in Volume	IS 3400 Pt-VI, Cl:8.3
71	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber - NR, SBR, NBR, CR & IIR	Resistance to the Action of Liquid a) Change in Mass	IS 3400 Pt-VI, Cl:8.2
72	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Hoses	Testing of Rubber Hoses f) Resistance to Oil	IS 443, Cl:11
73	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Hoses	Testing of Rubber Hoses a) Tensile Stress-Strain properties	IS 443, Cl:5
74	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Hoses	Testing of Rubber Hoses b) Accelerated Ageing	IS 443, Cl:6
75	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Hoses	Testing of Rubber Hoses c) Hydrostatic Pressure	IS 443,Cl:8
76	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Hoses	Testing of Rubber Hoses d) Effect of chemicals on Hose lining and cover	IS 443, Cl:9
77	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Hoses	Testing of Rubber Hoses e) Effect of Liquids on Hose Change in Physical Properties	IS 443, Cl:10
78	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tubes for Pneumatic Tyres	Air Tightens	IS 13098, Cl:5
79	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tubes for Pneumatic Tyres	Fitment	IS 13098, Cl:3.3
80	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tubes for Pneumatic Tyres	Thickness Uniformity	IS 13098, Cl:3.3.1
81	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Valves and Valve Accessories for Pneumatic Tubes & Tyres	Adhesion	IS 9081, Cl:6.5
82	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Valves and Valve Accessories for Pneumatic Tubes & Tyres	Dimensions and Design Features	IS 9081, Cl:4.0
83	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Valves and Valve Accessories for Pneumatic Tubes & Tyres	Material	IS 9081, Cl:6.1 & 8.0
84	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Valves and Valve Accessories for Pneumatic Tubes & Tyres	Valve Core Leakage	IS 9081, Cl:8.2
85	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber Products	Accelerated Ageing % Change in Elongation at break	IS 3400 Pt IV
86	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber Products	Accelerated Ageing Change in Tensile Strength	IS 3400 Pt-IV

SCOPE OF ACCREDITATION

Laboratory Name : CONTROLLERATE OF QUALITY ASSURANCE (VEHICLES) LABORATORY, AURANGABAD ROAD, AHMEDNAGAR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7821 **Page No** 6 of 6

Validity 27/04/2022 to 26/04/2024 **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
87	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber Products	Accelerated Ageing: a) Change in Hardness	IS 3400 Pt-IV
88	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber Products	Ash Content	IS 3400 Pt-XXII, Cl. A-8.3
89	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber Products	Elongation at break	IS 3400 Pt-I
90	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber Products	Permeability of Gases-Constant Pressure method	IS 3400 Pt-XXI, Cl: 8
91	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber Products	Shore 'A' Hardness	IS 3400 Pt-XXIII, Cl: 7
92	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber Products	Splice Flex Strength for Tubes	IND/VEH/2081/2011/b issue No.02, Issue date 27/01/2012, Cl: 5.4.7
93	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber Products	Tensile strength	IS 3400 Pt-I
94	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber Products	Tension Set (%)	IS 3400 Pt- XIII