National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TECHNICAL CONSULTANCY DIVISION, RUBBER RESEARCH INSTITUTE OF INDIA, RUBBER BOARD P.O., MINISTRY OF COMMERCE & INDUSTRY, GOVT.OF INDIA, KOTTAYAM, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6390 **Page No** 1 of 3

Validity 23/11/2021 to 22/11/2023 **Last Amended on** 23/02/2022

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	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Dry Rubber Products	300% Modulus	ASTM D412
2	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Dry Rubber Products	300% Modulus	IS 3400 (Part 1)
3	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Dry Rubber Products	300% Modulus	ISO 37
4	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Dry Rubber Products	Compression set	IS 3400 (Part 10)
5	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Dry Rubber Products	Elongation at break	ASTM D412
6	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Dry Rubber Products	Elongation at break	IS 3400 (Part 1)
7	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Dry Rubber Products	Elongation at break	ISO 37
8	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Dry rubber products	Tear strength	IS 3400 (Part 17)
9	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Dry Rubber Products	Tensile strength	ISO 37
10	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Dry Rubber Products	Tensile strength	ASTM D412
11	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Dry Rubber Products	Tensile strength	IS 3400 (Part 1)
12	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex Products	Dimensions of gloves (Length)	IS 13422
13	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex Products	Dimensions of gloves (Length)	ASTM D 3577
14	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex Products	Dimensions of gloves (Length)	ASTM D 3578
15	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex Products	Dimensions of gloves (Length)	IS 15354
16	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex Products	Dimensions of gloves (Thickness)	ASTM D 3578
17	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex Products	Dimensions of gloves (Thickness)	IS 13422
18	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex Products	Dimensions of gloves (Thickness)	IS 15354

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19	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex Products	Dimensions of gloves (Thickness)	ASTM D 3577
20	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex Products	Elongation at break	ASTM D412
21	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex Products	Elongation at break	BS EN 455 2
22	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex products	Elongation at break	IS 3400 (Part 1)
23	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex products	Elongation at break	ISO 37
24	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex products	Force at break	BS EN 455 2
25	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex Products	Force at break	IS 3400 (Part 1)
26	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex products	Force at break	ISO 37
27	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex Products	Modulus, 300%	ASTM D412
28	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex Products	Modulus, 300%	IS 3400 (Part 1)
29	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex Products	Modulus, 300%	ISO 10282
30	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex Products	Modulus, 300%	ISO 37
31	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex Products	Modulus, 500%	ASTM D412
32	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex Products	Modulus, 500%	BS EN 455 2
33	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex Products	Modulus, 500%	IS 3400 (Part 1)
34	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex Products	Modulus, 500%	ISO 37
35	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex Products	Tensile strength	ASTM D412
36	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex products	Tensile strength	IS 3400 (Part 1)
37	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Latex products	Tensile strength	ISO 37

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38	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Compound	Maximum torque, MH	ASTM D 5289
39	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Compound	Minimum torque, ML	ASTM D 5289
40	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber compound	Mooney Viscosity	ASTM D1646- Method A
41	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Compound	Optimum cure time, t90	ASTM D 5289
42	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber compound	Scorch time	ASTM D1646- Method C
43	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Compound	Time to increase 1 unit torque from ML value, ts1	ASTM D 5289
44	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Compound	Time to increase 2 units torque from ML value, ts2	ASTM D 5289
45	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Products	Density	IS 3400 (Part 9)
46	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Products	Hardness, Shore A	ASTM D 2240