National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : IRMRA- RUBBER MATERIALS RESEARCH AND TESTING LABORATORY, RUBBER PARK, P.O DHULAGARH, EAST CENTRE (EC), HOWRAH, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9116 **Page No** 1 of 2

Validity 23/11/2022 to 22/11/2024 **Last Amended on** 06/12/2022

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- RUBBER & RUBBER PRODUCTS	Rubber Product	Organic content by TGA	ASTM D6370
2	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Products	Ash content by Muffle Furnace	ASTM D297
3	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Products	Ash content by TGA	ASTM D6370
4	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Products	Ash content by TGA	ASTM E1131
5	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Products	Carbon Black content by TGA	ASTM D6370
6	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Products	Carbon Black content by TGA	ASTM E1131
7	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Products	Glass Transition Temperature by DSC	ASTM D3418
8	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Products	High Volatile content by TGA	ASTM E1131
9	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Products	Identification of Rubber by Fourier Transform Infrared Spectroscopy	ASTM D3677
10	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Products	Identification of Rubber by Fourier Transform Infrared Spectroscopy	ISO 4650
11	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Products	Polymer Content by TGA	ASTM E1131
12	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Any type of Finished Rubber Product or Button	Hardness (Shore A)	ASTM D2240
13	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Finished Rubber Product	Change in Hardness	IS 3400 (I & IV)
14	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Finished Rubber Product	Flap Edge thickness	IS 9168
15	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Finished Rubber Product	Flap Inner Dia	IS 9168
16	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Finished Rubber Product	Flap width	IS 9168
17	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Finished Rubber Product	Hardness	IS 3400 (XXIII)

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18	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Finished Rubber Product	Valve Hole Diameter	IS 9168
19	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Finished Rubber Product	Valve hole reinforcement	IS 9168
20	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and Rubber Compound	Mooney Scorch	ASTM D1646
21	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and Rubber Compound	Scorch Time	ASTM D5289
22	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and Rubber Compound	Torque Maximum	ASTM D5289
23	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and Rubber Compounds	Mooney Viscosity	ASTM D1646
24	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and Rubber Compounds	Optimum Cure Time	ASTM D5289
25	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and Rubber Compounds	Torque Minimum	ASTM D5289