National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : JK TYRE & INDUSTRIES LIMITED (KANKROLI TYRE PLANT) -MAIN LABORATORY, JAYKAYGRAM , JK TYRE, KANKROLI, RAJSAMAND, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5202 **Page No** 1 of 2

Validity 19/05/2022 to 18/05/2024 **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 Carbon Black	DBP ABSORPTION	ASTM D2414
2	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler Carbon Black	Heat Loss	ASTM D1509
3	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler Silica	Ignition Loss	ASTM D1208
4	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler Silica	pH	ASTM D6739
5	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber	Ash Content	ASTM D5667
6	CHEMICAL- RUBBER & RUBBER PRODUCTS	Zinc Oxide	Heating Loss	ASTM D280
7	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Compound Dumbbell	Accelerated Ageing	ASTM D573
8	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Compound Tear Dumbbell (Natural rubber & products)	Tear Strength	ASTM D624
9	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Compound Tear Dumbbell (Synthetic rubber & products)	Tear Strength	ASTM D624
10	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Compound Tensile Dumbbell	Hardness	ASTM D2240
11	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Compound Tensile Dumbbell (Natural rubber & products)	Elongation at Break	IS 3400 (Part 1), ASTM D412
12	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Compound Tensile Dumbbell (Natural rubber & products)	Modulus at 300 %	ASTM D412
13	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Compound Tensile Dumbbell (Natural rubber & products)	Tensile Strength	IS 3400 (Part 1), ASTM D412
14	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Compound Tensile Dumbbell (Natural rubber & products)	Thickness	ASTM D 3767,IS 3400(Part 1)
15	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Compound Tensile Dumbbell (Synthetic rubber & products)	Elongation at Break	ASTM D412, IS 3400 (Part 1)
16	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Compound Tensile Dumbbell (Synthetic rubber & products)	Modulus at 300%	ASTM D 412
17	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Compound Tensile Dumbbell (Synthetic rubber & products)	Tensile Strength	ASTM D412, IS 3400 (Part 1)
18	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Compound Tensile Dumbbell (Synthetic rubber & products)	Thickness	ASTM D3767

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19	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Hardness Button & Compound Tensile Dumbbell	Hardness	IS:3400 ,ASTM D2240
20	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber	Plasticity Retention Index (PRI)	ASTM D3194
21	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural Rubber based mixed compound	Curing (Vulcanization)Behavior	ASTM D5289
22	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber based mixed compound	Mooney Viscosity	ASTM D 1646
23	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber base mixed Compounds	Curing (Vulcanization) Behavior	ASTM D5289
24	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre	Bead Wire Adhesion	ASTM D 1871
25	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tyre	Diameter (Gauge) of Bead wire	ASTM D 4975
26	MECHANICAL- TEXTILE MATERIALS	Automotive Textile	Elongation at Break	ASTM D885 10A
27	MECHANICAL- TEXTILE MATERIALS	Automotive Textile	Pat load Elongation	ASTM D88510A
28	MECHANICAL- TEXTILE MATERIALS	Automotive Textile	Tensile Strength	ASTM D885 -10A
29	MECHANICAL- TEXTILE MATERIALS	Automotive Textile	Thickness	ASTM D885 10A