National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : JK TYRE & INDUSTRIES LTD. (CHENNAI TYRE PLANT) - MAIN LABORATORY, SRIPERUMBUDUR - TAMBARAM ROAD (SH-110), KOLATHUR VILLAGE, SRIPERUMPUDUR, KANCHIPURAM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10264 **Page No** 1 of 2

Validity 28/01/2022 to 27/01/2024 **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- INDUSTRIAL & FINE CHEMICALS	Fillers - Carbon Black	DBP Absorption	ASTM D 2414,
2	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Fillers - Carbon Black	Heat Loss	ASTM D 1509,Method B
3	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Fillers - Silica	pH	ASTM D 6739-11
4	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Rubber Chemicals (Accelerators/Anti oxidants/ Retarders/Bonding Agent/Wax)	Melting Point	ASTM D 1519-95
5	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Rubber Chemicals (Activators/Accelerators/Curatives/Anti oxidants/Anti Ozonants/Resins)	Heat Loss	ASTM D 4571
6	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Rubber Chemicals (Resins)	Softening Point	Point ASTM E 28
7	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Rubber Processing Oil (Aromatic/paraffinic/Low PCA Oil)	Specific gravity	ASTM D 1298-12b
8	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural and Synthetic Rubber	Ash Content	ASTM D 5667-95 (Part A)
9	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Filled Elastomeric Compound	Density	ASTM D 297 (Section 16.4)
10	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Filled Elastomeric Compound	Maximum Torque - MH	ASTM D 5289
11	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Filled Elastomeric Compound	Mooney Viscosity	ASTM D 1646 (Part A)
12	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Raw Rubber	Mooney Viscosity	ASTM D 1646 (Part A)
13	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Cured Elastomeric Compound	Durometer Hardness - A	ASTM D 2240
14	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Cured Elastomeric Compound	Tensile Strength	ASTM D 412 (Method A)
15	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Cured Elastomeric Compound	Tensile Stress @ 200% Strain	ASTM D 412 (Method A)
16	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Cured Elastomeric Compound	Tensile Stress @ 100% Strain	ASTM D 412 (Method A)
17	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Cured Elastomeric Compound	Tensile Stress @ 300% Strain	ASTM D 412 (Method A)
18	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Cured Elastomeric Compound	Thickness	ASTM D 3767-03

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19	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Cured Elastomeric Compound	Ultimate Elongation	ASTM D 412 (Method A)
20	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Unfilled Natural Rubber	Plasticity Retention Index	ASTM D 3194-04
21	MECHANICAL- TEXTILE MATERIALS	Reinforcing Material (Inorganic Cord - Bead Wire)	Bead Wire Adhesion	ASTM D 1871-04
22	MECHANICAL- TEXTILE MATERIALS	Reinforcing Material (Inorganic Cord - Bead Wire)	Diameter (Gauge)	ASTM D 4975 (Section 21-27)
23	MECHANICAL- TEXTILE MATERIALS	Reinforcing Material (Organic Cord)	Breaking Strength	ASTM D 885/885M- 10A (Section 16.3.1)
24	MECHANICAL- TEXTILE MATERIALS	Reinforcing Material (Organic Cord)	Elongation at Break	ASTM D 885/885M- 10A (Section 19)