National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : JK TYRE & INDUSTRIES LIMITED (BANMORE TYRE PLANT) MATERIAL LABORATORY, C-1 INDUSTRIAL AREA BANMORE, MORENA, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6061 **Page No** 1 of 2

Validity 01/08/2021 to 31/07/2023 **Last Amended on** 06/08/2021

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	HEAT LOSS @ CARBON BLACK	ASTM D 1509
2	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	FILLERS - CARBON BLACK	DBP ABSORPTION	ASTM D 2414
3	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	FILLERS - SILICA	HEAT LOSS @ SILICA	ASTM D 6738
4	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	FILLERS - SILICA	IGNITION LOSS	ASTM D 1208
5	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	POLYMER / ELASTOMERIC MATERIALS - SYNTHETIC RUBBER	VOLATILE MATTER	ASTM D 5668
6	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	RUBBER CHEMICALS - ACTIVATORS / ACCELERATORS / CURATIVES	HEAT LOSS @ RUBBER CHEMICAL	ASTM D 4571
7	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	RUBBER PROCESSING OIL - AROMATIC / NAPHTHENIC / PARAFFINIC	SPECIFIC GRAVITY	ASTM D 1298
8	MECHANICAL- RUBBER AND RUBBER PRODUCTS	FILLED ELASTOMERIC COMPOUND	CURING BEHAVIOR - 90% CURE TIME - T 90	ASTM D 5289
9	MECHANICAL- RUBBER AND RUBBER PRODUCTS	FILLED ELASTOMERIC COMPOUND	CURING BEHAVIOR -MAXIMUM TORQUE	ASTM D 5289
10	MECHANICAL- RUBBER AND RUBBER PRODUCTS	FILLED ELASTOMERIC COMPOUND	MOONEY VISCOCITY	ASTM D 1646
11	MECHANICAL- RUBBER AND RUBBER PRODUCTS	FILLED ELASTOMERIC COMPOUND	SPECIFIC GRAVITY	ASTM D 297
12	MECHANICAL- RUBBER AND RUBBER PRODUCTS	REINFORCING MATERIALS (INORGANIC CORD) BEAD WIRE , STEEL TYRE CORD	BEAD WIRE ADHESION	ASTM D 1871
13	MECHANICAL- RUBBER AND RUBBER PRODUCTS	REINFORCING MATERIALS (INORGANIC CORD) BEAD WIRE , STEEL TYRE CORD	BREAKING STRENGTH-STEEL TYRE CORD	ASTM D 2969
14	MECHANICAL- RUBBER AND RUBBER PRODUCTS	REINFORCING MATERIALS (INORGANIC CORD) BEAD WIRE , STEEL TYRE CORD	GAUGE - BEAD WIRE	ASTM D 4975
15	MECHANICAL- RUBBER AND RUBBER PRODUCTS	RUBBER CURED ELASTOMERIC COMPOUND	ELONGATION AT BREAK	ASTM D 412
16	MECHANICAL- RUBBER AND RUBBER PRODUCTS	RUBBER CURED ELASTOMERIC COMPOUND	HARDNESS	ASTM D 2240
17	MECHANICAL- RUBBER AND RUBBER PRODUCTS	RUBBER CURED ELASTOMERIC COMPOUND	MODULOUS @ 300%	ASTM D 412
18	MECHANICAL- RUBBER AND RUBBER PRODUCTS	RUBBER CURED ELASTOMERIC COMPOUND	TENSILE STRENGTH AT BREAK	ASTM D 412

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19	MECHANICAL- RUBBER AND RUBBER PRODUCTS	RUBBER CURED ELASTOMERIC COMPOUND	THICKNESS	ASTM D 3767
20	MECHANICAL- RUBBER AND RUBBER PRODUCTS	RUBBER REINFORCING MATERIAL (ORGANIC CORDS)	ELONGATION AT BREAK	ASTM D 885
21	MECHANICAL- RUBBER AND RUBBER PRODUCTS	RUBBER REINFORCING MATERIAL (ORGANIC CORDS)	PART LOAD ELONGATION	ASTM D 885
22	MECHANICAL- RUBBER AND RUBBER PRODUCTS	RUBBER REINFORCING MATERIAL(ORGANIC CORDS)	BREAKING STRENGTH	ASTM D 885
23	MECHANICAL- RUBBER AND RUBBER PRODUCTS	UNFILLED NATURAL RUBBER	PLASTICITY RETENTION INDEX	ASTM D 3194