National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BALKRISHNA INDUSTRIES LIMITED (BKT), TIRE TESTING LAB, BHUJ-BHACHAU ROAD, STATE HIGHWAY NO. 42, VILLAGE - PADDHAR, BHUJ, KACHCHH, GUJARAT, INDIA

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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	Accelerator (CBS, TBBS, DCBS)	Ash Content (At SPIH Lab)	ASTM D4574 - 06
2	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Accelerator (CBS, TBBS, DCBS)	% Purity analysis by HPLC (At SPIH Lab)	ASTM D5297-95
3	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Accelerator (CBS, TBBS, DCBS)	Ash Content (At Process Lab)	ASTM D4574
4	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Accelerator (CBS, TBBS, DCBS)	Determination of Insoluble impurities (At Process Lab)	ASTM D4934-02
5	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Accelerator (CBS, TBBS, DCBS)	Determination of Volatile matter (At SPIH Lab)	ASTM D 4571-21
6	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Accelerator (CBS,TBBS, DCBS)	Determination of Volatile Matter (At Process Lab)	ASTM D4571
7	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Accelerators (CBS, TBBS, MBS, MBTS, DCBS, DIBS)	Determination of insoluble impurities (At SPIH Lab)	ASTM D4934 - 02
8	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Activator (Zinc Oxide)	Zinc Oxide Content (At SPIH Lab)	IS 3399
9	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Activator (Stearic Acid)	Acid value (At Process Lab)	ASTM D1980-87
10	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Activator (Stearic acid)	Acid Value (At SPIH Lab)	ASTM D1980 - 87
11	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Activator (Zinc Oxide)	Zinc Oxide Content (At Process Lab)	IS 3399
12	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Activator, Peptizer, Accelerator	Melting Range: By capillary (At Process Lab)	ASTM D 1519-95
13	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Activator, Peptizer, Accelerator, Processing Aid, Antioxidant, Resin & Bonding Agent	Identification by FTIR-ATR (At SPIH Lab)	ASTM D2702 - 05
14	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Activator, Peptizer, Accelerator, Processing Aid, Antioxidant, Resin & Bonding Agent	Melting Range: By capillary tube: Method-A, By DSC: Method-B (At SPIH Lab)	ASTM D1519 - 95
15	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Antidegradants (6PPD, IPPD)	% Purity analysis by GC (At SPIH Lab)	ASTM D4937 - 96
16	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Antidegradants (6PPD, IPPD)	% Purity analysis by HPLC (At SPIH Lab)	ASTM D5666-95
17	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Antidegradants, Accelerator and Sulfur	Ash Content (At Process Lab)	ASTM D4574-06
18	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Antidegradants, Accelerator and Sulfur	Ash Content (At SPIH Lab)	ASTM D4574 - 06

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19	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Antidegradants, Sulfur	Determination of Volatile Material (At SPIH Lab)	ASTM D 4571-21
20	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Antidegradants, Sulfur	Determination of Volatile matter (At Process Lab)	ASTM D4571
21	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Antioxidants (BLB / BLS)	Acetone Extraction (At Process Lab)	ASTM D297
22	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Antioxidants (BLB / BLS)	Acetone Extraction (At SPIH Lab)	ASTM D297 - 15
23	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Chemicals used in rubber products	Solubility (At Process Lab)	ASTM D1766
24	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Chemicals used in rubber products	Solubility (At SPIH Lab)	ASTM D1766 - 05
25	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Dry Bonding Agent (HMMM, SCH)	Ash Content (At SPIH Lab)	ASTM D4574 - 06
26	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Dry Bonding Agent (HMMM, SCH)	Volatile Content (At SPIH Lab)	ASTM D6738 - 15
27	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Dry Bonding Agent (HMMM, SCH)	Ash Content (At Process Lab)	ASTM D4574-06
28	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Dry Bonding Agent (HMMM, SCH)	pH value (At Process Lab)	ASTM D 6739
29	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Dry Bonding Agent (HMMM, SCH)	pH Value (At SPIH Lab)	ASTM D6739 - 20
30	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Dry Bonding Agent (HMMM, SCH)	Volatile Content (At Process lab)	ASTM D6738-15
31	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Oil treated sulphur	Oil Content in Oil treated sulphur (At Process Lab)	ASTM D4573-03
32	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Oil treated sulphur	Oil content in Oil treated sulphur (At SPIH Lab)	ASTM D4573 - 03
33	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Oil treated sulphur	Thermal Reversion/Stability of Insoluble Sulphur (At Process Lab)	IS 14127-1995
34	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Oil treated sulphur	Thermal Reversion/Stability of Insoluble Sulphur (At SPIH Lab)	IS 14127 - 1995
35	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Processing Aid (MN 50, RN 44, 40 MS)	Ash Content (At SPIH Lab)	ASTM D4574 - 06
36	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Processing Aid (MN 50, Rn 44, 40 MS)	Softening Point (At Process Lab)	ASTM E28

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37	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Processing Aid (MN 50, RN 44, 40 MS)	Softening Point (At SPIH Lab)	ASTM E28-18
38	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Processing Aid (MN 50, RN 44, 40MS)	Ash Content (At Process Lab)	ASTM D 4574-06
39	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Resin	Acid Value (At SPIH Lab)	ASTM D1980 - 87
40	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Resin	Ash Content (At Process Lab)	ASTM D4574-06
41	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Resin	Ash Content (At SPIH Lab)	ASTM D4574 - 06
42	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Resin	Softening Point (At Process Lab)	ASTM E28
43	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Resin	Softening Point (At SPIH Lab)	ASTM E28 - 18
44	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sulphur	Melting Range By capillary tube: Method-A, By DSC: Method-B (At SPIH Lab)	ASTM D1519 - 95
45	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sulphur	Melting Range: By Capillary tube:Method-A (At Process Lab)	ASTM D1519
46	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sulphur	Wet Sieve Analysis of Sulphur (At process Lab) Range of Sieve size: Sieve ASTM 200 (75 µm) to ASTM 100 (150 µm)	ASTM D4572
47	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sulphur	Wet Sieve Analysis of Sulphur (At SPIH Lab) Range of Sieve size: Sieve ASTM 200 (75 µm) to ASTM 100 (150 µm)	ASTM D4572
48	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Wax	Analysis of waxes by GC (At SPIH Lab) n-Paraffin content C19 to C60 = 65% ±6.5% Iso-Paraffin content C19 to C60 = 35% ±3.5%	ASTM D5442 - 17
49	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Wax	Congealing point of wax (At Process Lab)	ASTM D938-12
50	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Wax	Congealing point of wax (At SPIH Lab)	ASTM D938 - 12
51	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler (Carbon Black)	pH (At Process Lab)	ASTM D1512
52	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler (Silica)	Loss of Ignition (At SPIH Lab)	ASTM D4574 - 06

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53	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler (Carbon Black)	Ash Content (At Process Lab)	ASTM D1506
54	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler (Carbon Black)	Ash Content (At SPIH Lab)	ASTM D1506 - 15
55	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler (Carbon Black)	Heating Loss (At Process Lab)	ASTM D1509
56	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler (Carbon Black)	Heating Loss (At SPIH Lab)	ASTM D1509 - 18
57	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler (Carbon Black)	Iodine Adsorption Number (At Process Lab)	ASTM D1510 - 21
58	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler (Carbon Black)	Iodine Adsorption Number (At SPIH Lab)	ASTM D1510 - 21
59	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler (Carbon Black)	Oil Absorption Number (At Process Lab)	ASTM D2414 - 21
60	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler (Carbon Black)	Pelleted Fines and Attrition (At Process Lab)	ASTM D1508 - 12
61	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler (Carbon Black)	pH Value (At SPIH Lab)	ASTM D1512 - 21
62	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler (Carbon Black)	Pour Density (At Process Lab)	ASTM D1513 - 05
63	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler (Carbon Black)	Sieve Residue (At Process Lab) (Sieve size for sieve residue test: Sieve ASTM100 (150um) & ASTM200 (75um) for Sieve residue / Fineness analysis of Zinc oxide. Sieve ASTM100 (150um) for Sieve residue of HMMM65, MGO Sieve ASTM 325 (45um) sieve residue of carbon black & Soft Clay Sieve ASTM 325 (45um) for dirt content of NR)	ASTM D1514 - 15
64	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler (Carbon Black)	Sulphur content by sulphur analyzer (At SPIH Lab)	ASTM D1619 - 20
65	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler (Carbon Black)	Toluene discoloration by UV visible spectroscopy (At SPIH Lab)	ASTM D1618 - 18
66	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler (Silica)	Loss on Ignition (At Process Lab)	ASTM D4574-06
67	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler (Silica)	pH (At Process Lab)	ASTM D6739

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68	CHEMICAL- RUBBER & RUBBER PRODUCTS	Filler (Silica)	pH Value (At SPIH Lab)	ASTM D6739 - 20
69	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber	Ash Content (At Process Lab)	ASTM D1278-91a
70	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber	Ash content (At SPIH Lab)	ASTM D1278-91a
71	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber	Dirt content (At Process Lab)	ASTM D1278-91a
72	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber	Plasticity Retention Index (At Process Lab)	ASTM D3194 - 17
73	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber	Volatile Matter (At Process Lab)	ASTM D1278-91a
74	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber	Volatile Matter (At SPIH Lab)	ASTM D1278-91a
75	CHEMICAL- RUBBER & RUBBER PRODUCTS	Oil - Aromatic	Aniline Point for Oil (At Process Lab)	ASTM D611 - 12
76	CHEMICAL- RUBBER & RUBBER PRODUCTS	Oil - Aromatic	Density / Relative density by Hydrometer Method (At Process Lab)	ASTM D1298 - 12b
77	CHEMICAL- RUBBER & RUBBER PRODUCTS	Oil - Aromatic	Density / Relative density by Hydrometer Method (At SPIH Lab)	ASTM D1298 - 12b
78	CHEMICAL- RUBBER & RUBBER PRODUCTS	Oil - Aromatic	Kinematic Viscosity (At Process Lab)	ASTM D455
79	CHEMICAL- RUBBER & RUBBER PRODUCTS	Oil - Aromatic	Sulphur content by Sulphur analyzer (At SPIH Lab)	ASTM D1552 - 16
80	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber product's ash	Ash Analysis: Insolubility in concentrated HCL (At SPIH Lab)	ASTM D297 - 15
81	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Vulcanizates	Acetone Extraction/ Solvent Extraction (At SPIH Lab)	ASTM D297 - 15
82	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Vulcanizates	Ash Content by Muffle furnace (At SPIH Lab)	ASTM D297 - 15
83	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Vulcanizates	Composition - (a) Softner content by TGA (At SPIH Lab)	ASTM D6370 - 99
84	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Vulcanizates	Composition - (b) Polymer content by TGA (At SPIH Lab)	ASTM D6370 - 99
85	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Vulcanizates	Composition - (c) Carbon black content by TGA (At SPIH Lab)	ASTM D6370 - 99

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86	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Vulcanizates	Composition - (d) Ash content by TGA (At SPIH Lab)	ASTM D6370 - 99
87	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Vulcanizates	Cross link density (At SPIH Lab)	ASTM D6814 - 02
88	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Vulcanizates	Polymer Identification by FT-IR (At SPIH Lab)	ASTM D3677 - 10
89	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber Vulcanizates	Sulphur content by sulphur analyzer (At SPIH Lab)	ASTM D1619 - 20
90	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber	Ash Content (At Process Lab)	ASTM D5667-95
91	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber	Ash Content (At SPIH Lab)	ASTM D5667 - 95
92	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber	Microstructure of Rubber	ISO 21561 - 2
93	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber	Oil Content for Oil extended Rubber (At SPIH Lab)	ASTM D5774 - 95
94	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber	Oil Content of Oil Extended Rubber (At Process Lab)	ASTM D5774-95
95	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber	Volatile Matter (At Process Lab)	ASTM D5668
96	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber	Volatile Matter (At SPIH Lab)	ASTM D5668 - 09
97	CHEMICAL- RUBBER & RUBBER PRODUCTS	Synthetic Rubber (Polybuta diene rubbers)	Microstructure of Rubber - CIS, Trans and Vinyl (At SPIH Lab)	IS:10016 (Part 4) - 1984
98	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Bead Wire	Adhesion between tire bead wire and rubber (At Process Lab)	ASTM D1871 - 04
99	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Bead Wire	Breaking Elongation (At Process Lab)	ASTM D4975 - 14
100	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Bead Wire	Breaking Force (At Process Lab)	ASTM D4975 - 14
101	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Bead Wire	Diameter (At Process Lab)	ASTM D4975 - 14
102	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Bead Wire	Reverse Bend (At Process Lab)	IS 1716 - 1985
103	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Bead Wire	Torsion resistance (At Process Lab)	ASTM D4975 - 14

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104	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizates: Cured rubber compounds, Tubes & Flaps	Tensile Strength (At SPIH Lab)	ASTM D412 - 16
105	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizates: Cured rubber compounds, Tubes & Flap	Abrasion Resistance Index-ARI: Type-D (At Process Lab)	ASTM D5963 - 04
106	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizates: Cured rubber compounds, Tubes & Flaps	Abrasion Resistance Index-ARI: Type-D (At SPIH Lab)	ASTM D5963 - 04
107	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizates: Cured rubber compounds, Tubes & Flaps	Durometer Hardness (At Process Lab)	ASTM D2240 - 15
108	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizates: Cured rubber compounds, Tubes & Flaps	Durometer Hardness (At SPIH Lab)	ASTM D2240 - 15
109	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizates: Cured rubber compounds, Tubes & Flaps	Dynamic Mechanical Properties in Shear Mode (At 60°C, 5Hz & 5% Strain): Loss Modulus (G") (At SPIH Lab)	ASTM D5992 - 96
110	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizates: Cured rubber compounds, Tubes & Flaps	Dynamic Mechanical Properties in Shear Mode (At 60°C, 5Hz & 5% Strain): Tan Delta (At SPIH Lab)	ASTM D5992 - 96
111	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizates: Cured rubber compounds, Tubes & Flaps	Dynamic Mechanical Properties in Shear Mode (At 60°C, 5Hz & 5% Strain): Storage Modulus (G') (At SPIH Lab)	ASTM D5992 - 96
112	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizates: Cured rubber compounds, Tubes & Flaps	Elongation at Break (At Process Lab)	ASTM D412 - 16
113	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizates: Cured rubber compounds, Tubes & Flaps	Elongation at Break (At SPIH Lab)	ASTM D412 - 16
114	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizates: Cured rubber compounds, Tubes & Flaps	Hardness by Multi Unit Hardness Tester (At SPIH Lab)	ASTM D2240 - 15
115	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizates: Cured rubber compounds, Tubes & Flaps	Heat Generation and Flexing Fatigue in Compression (At SPIH Lab)	ASTM D623 - 07
116	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizates: Cured rubber compounds, Tubes & Flaps	Resistance to Ozone cracking under Static and dynamic strain testing (At SPIH Lab)	ISO 1431 - 1
117	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizates: Cured rubber compounds, Tubes & Flaps	Rubber Deterioration by Heating in Air (At Process Lab)	ASTM D865 - 11
118	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizates: Cured rubber compounds, Tubes & Flaps	Rubber Deterioration by Heating in Air (At SPIH Lab)	ASTM D865 - 11
119	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizates: Cured rubber compounds, Tubes & Flaps	Tear Strength (At Process Lab)	ASTM D624 - 00

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120	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizates: Cured rubber compounds, Tubes & Flaps	Tear Strength (At SPIH Lab)	ASTM D624 - 00
121	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizates: Cured rubber compounds, Tubes & Flaps	Tensile Strength (At Process Lab)	ASTM D412 - 16
122	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizates: Cured rubber compounds, Tubes & Flaps	Thickness (At Process Lab)	ASTM D3767 - 03
123	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizates: Cured rubber compounds, Tubes & Flaps	Thickness (At SPIH Lab)	ASTM D3767 - 03
124	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel Tire Cords	Adhesion between steel tire cord and rubber (At Process Lab)	ASTM D2229 - 10
125	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel Tire Cords	Breaking Force/Strength (At Process Lab)	ASTM D2969 - 04
126	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel Tire Cords	Linear Density (At Process Lab)	ASTM D2969 - 04
127	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel Tire Cords	Thickness/ Diameter (At Process Lab)	ASTM D2969 - 04
128	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tires	Assessment of tire resistance to bursting of "E" Mark tires (Bead burst test	ECE 106
129	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tires	Cross Sectional Width (CSW)	ECE 106
130	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tires	Cross Sectional Width (CSW)	ECE 54
131	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tires	Cross Sectional Width (CSW)	IS 15636
132	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tires	Endurance in Pulley Wheel	ECE 106
133	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tires	Endurance in Pulley Wheel	ECE 54
134	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tires	Endurance in Pulley Wheel	IS 15636
135	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tires	Outer Diameter (OD)	ECE 106
136	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tires	Outer Diameter (OD)	ECE 54
137	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tires	Outer Diameter (OD)	IS 15636

SCOPE OF ACCREDITATION

Laboratory Name :	BALKRISHNA INDUSTRIES LIMITED (BKT), TIRE TESTING LAB, BHUJ-BHACHAU ROAD, STATE HIGHWAY NO. 42, VILLAGE - PADDHAR, BHUJ, KACHCHH, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8415	**Page No**	9 of 9
Validity	28/03/2022 to 27/03/2024	**Last Amended on**	03/05/2022

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
138	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tires	Plunger Test: Breaking Energy	FMVSS 119
139	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Tires	Plunger Test: Breaking Energy	IS 15636
140	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Yarn & Cords/ Organic tire cords	Breaking Strength of conditioned yarns and cords (At SPIH Lab)	ASTM D885M 10A e1
141	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Yarn & Cords/ Organic tire cords	Elongation at Break of conditioned yarns and cords (At SPIH Lab)	ASTM D885M 10A e1