National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PHOENIX CONVEYOR BELT INDIA (P) LIMITED FINISHED PRODUCT TESTING LABORATORY, MURAGACHA ROAD, P.O. GAYESHPUR, KALYANI, NADIA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7955 **Page No** 1 of 6

Validity 31/12/2021 to 30/12/2023 **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	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Cord to coating bond Strength Cord pullout strength, After thermal treatment,(145 C@150 min)	IS 15427
2	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Cover Rubber Elongation at Break (at 70°C for 7 d)	AS 1683.26
3	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Cover Rubber Hardness	AS 1683.15.2
4	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Cover rubber Tensile strength	AS 1683.11
5	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Cover rubber Tensile strength	IS 15143
6	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Peel Adhesion strength Top cover to bonding rubber, Bottom cover to bonding rubber	AS 1333
7	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Peel Adhesion strength Top cover to bonding rubber, Bottom cover to bonding rubber	IS 15143
8	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Peel Adhesion strength Top cover to bonding rubber, Bottom cover to bonding rubber	ISO 8094
9	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Belt Width	AS 1333
10	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Belt width	DIN EN ISO 15236-1
11	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Belt Width	IS 15143
12	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Belt Width	IS 15427
13	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Cord to coating bond Strength Cord pullout strength, After thermal treatment,(145 C@150 min)	ISO 7623
14	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Cord to coating bond Strength Cord pullout strength	IS 15143

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15	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Cord to coating bond Strength Cord pullout strength, After thermal treatment,(145 C@150min)	AS 1333
16	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Cover Rubber Abrasion	AS 1683.21
17	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Cover Rubber Abrasion	IS 3400(Part 3)
18	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Cover Rubber Abrasion	ISO 4649
19	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Cover Rubber Elongation at Break (at 70°C for 7 d)	IS 15427
20	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Cover Rubber Elongation at Break (at 70°C for 7 d)	IS 3400(Part 4)
21	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Cover rubber Elongation at Break	AS 1683.11
22	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Cover rubber Elongation at Break	IS 15143
23	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Cover rubber Elongation at Break	IS 15427
24	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Cover rubber Elongation at Break	ISO 37
25	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Cover Rubber Tear strength	ASTM D624
26	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Cover Rubber Tear strength	ISO 34-1
27	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Cover Rubber Tensile strength (at 70°C for 7 d)	IS 3400(Part-4)
28	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Cover Rubber Tensile strength (at 70°C for 7 d)	AS 1683.26
29	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Cover Rubber Tensile strength (at 70°C for 7 d)	IS 15427
30	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Cover rubber Tensile strength	IS 15427
31	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Cover rubber Tensile strength	ISO 37
32	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Diameter of cords	AS 1333

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33	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Diameter of cords	DIN EN ISO 15236-1
34	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Diameter of cords	IS 15143
35	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Diameter of cords	IS 15427
36	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	No of cords	AS 1333
37	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	No of cords	DIN EN ISO 15236-1
38	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	No of cords	IS 15143
39	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	No of cords	IS 15427
40	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Peel Adhesion strength Top cover to bonding rubber, Bottom cover to bonding rubber	IS 15427
41	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Top cover thickness Bottom cover thickness	IS 15143
42	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Top cover thickness Bottom cover thickness	IS 15427
43	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Top cover thickness Bottom cover thickness	AS 1333
44	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Top cover thickness Bottom cover thickness	DIN EN ISO 15236-1
45	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Troughability	AS 1334.4
46	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Steel cord conveyor belt	Troughability	ISO 703
47	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Cover rubber Elongation at Break	IS 3400(Part 1)
48	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Cover Rubber Abrasion	AS 1683.21
49	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Cover rubber Elongation at Break	AS 1683.11
50	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Cover Rubber Elongation at Break(at 70°C for 3 d)	AS 1683.26

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51	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Cover rubber Tensile strength	ISO 37
52	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Full belt tensile strength Breaking force,Warp direction	ISO 14890
53	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Full belt tensile strength Elongation at break, Warp direction	ISO 14890
54	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Peel Adhesion strength Top cover to fabric ply,between fabric ply, Bottom cover to fabric ply	IS 1891(Part 1)
55	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Troughability	IS 1891(Part 1)
56	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Belt Width	IS 1891(Part 1)
57	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Belt width	ISO 14890
58	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Cover Rubber Tear strength	ASTM D624
59	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Cover Rubber Tear strength	ISO 34-1
60	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Cover Rubber Abrasion	IS 3400(Part 3)
61	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Cover Rubber Abrasion	ISO 4649
62	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Cover rubber Elongation at Break	ISO 37
63	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Cover Rubber Elongation at Break(at 70°C for 3 d)	IS 3400(Part 4)
64	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Cover Rubber Hardness	AS 1683.15.2
65	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Cover Rubber Tensile strength (at 70°C for 3 d)	AS 1683.26
66	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Cover Rubber Tensile strength (at 70°C for 3 d)	IS 3400(Part 4)
67	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Cover rubber Tensile strength	AS 1683.11
68	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Cover rubber Tensile strength	IS 3400(Part 1)

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69	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Elongation at ref. load (10 % FB min)	AS 1334.3
70	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Elongation at ref. load (10 % FB min)	IS 1891(Part 1)
71	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Elongation at ref. load (10 % FB min)	ISO 14890
72	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Flame Test	CSA M422
73	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Full belt tensile strength Breaking force, Weft direction	IS 1891(Part 1)
74	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Full belt tensile strength Breaking force,Warp direction	AS 1334.3
75	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Full belt tensile strength Breaking force, Warp direction	IS 1891(Part 1)
76	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Full belt tensile strength Breaking force, Weft direction	AS 1334.3
77	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Full belt tensile strength Breaking force,Weft direction	ISO 14890
78	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Full belt tensile strength Elongation at break, Warp direction	AS 1334.3
79	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Full belt tensile strength Elongation at break, Warp direction	IS 1891(Part 1)
80	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Peel Adhesion strength Top cover to fabric ply, Between fabric ply, Bottom cover to fabric ply	AS 1334.7
81	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Peel Adhesion strength Top cover to fabric ply, Between fabric ply, Bottom cover to fabric ply	ISO 252
82	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Top Cover Thickness Bottom Cover Thickness	AS 1334.2
83	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Top Cover Thickness Bottom Cover Thickness	IS 1891(Part 1)
84	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Top Cover Thickness Bottom Cover Thickness	ISO 14890
85	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Troughability	AS 1334.4

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86	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Textile Conveyor Belt	Troughability	ISO 703