BUREAU OF INDIAN STANDARDS

Program of Work

PCD 29 : Methods of Test for Rubber and Rubber Products

Scope: To formulate Indian Standards for methods of sampling and test of rubber and rubber products.

Liaison: **ISO TC-45 SC-2 (P):** *Testing and analysis*

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10016 (Part 1):1981 Reviewed In : 2019 Reaffirmed but not taken up for revision	Methods of test for polybutadiene rubbers: Part 1 method of taking out test portions from sample bales	January, 2019	-	Indigenous
2	IS 10016 (Part 2):1984 Reviewed In : 2019	Methods of test for polybutadiene rubbers: Part 2 determination of ash	January, 2019	-	Indigenous
3	IS 10016 (Part 4):1984 Reviewed In : 2024	Methods of test for polybutadiene rubbers: Part 4 determination of cis, trans and vinyl structure	July, 2024	-	Indigenous
4	IS 10016 (Part 5):1981 Reviewed In : 2019 Reaffirmed but not taken up for revision	Methods of test for polybutadiene rubbers: Part 5 determination of gel content	January, 2019	-	Indigenous
5	IS 10016 (Part 6):2000 Reviewed In : 2024 ISO 2476:2014	Methods of test for polybutadiene rubbers: Part 6 evaluation of vulcanization characteristics of polybutadiene rubbers (Br : 2)	July, 2024	-	Not Equivalent
6	IS 11720 (Part 1):1986 Reviewed In : 2020 Reaffirmed but not taken up for revision ASTM D 1416:1983	Methods of test for synthetic rubber: Part 1 determination of antioxidants	September, 2020	1	Not Equivalent
7	IS 11720 (Part 3):1993 Reviewed In : 2024 ISO 289-1:2015	Methods of test for synthetic rubber: Part 3 determination of mooney viscosity	July, 2024	-	Not Equivalent
8	IS 11720 (Part 4):1993 Reviewed In : 2024 ISO 248-1:2011	Methods of test for synthetic rubber: Part 4 determination of volatile matter	July, 2024	-	Not Equivalent
9	IS 11720 (Part 5):1993	Methods of test for synthetic rubber: Part 5 determination of ash	July, 2024	-	Not Equivalent

	Reviewed In : 2024 ISO 247:2006				
10	IS 11720 (Part 6):2001 Reviewed In : 2024 ISO 1407:2011	Methods of test for synthetic rubber: Part 6 determination of solvent extract	July, 2024	-	Not Equivalent
11	IS 11720 (Part 11):2001 ISO 7781 Reviewed In : 2024 ISO 7781	Methods of test for synthetic rubber: Part 11 rubber, raw styrene - Butadiene - Determination of soap and organic - Acid content	July, 2024	-	Identical under dual numbering
12	IS 11720 (Part 13):2001 Reviewed In : 2024 ASTM D 3616:1995	Methods of test for synthetic rubber: Part 13 determination of gel content	July, 2024	-	Not Equivalent
13	IS 13867:2021 ISO 23529:2016	Rubber - General Procedures for Preparing and Conditioning Test Pieces for Physical Test Methods (First Revision)		-	Identical under dual numbering
14	IS 14788:2025 ISO 2322 : 2023 ISO 2322 : 2023	STYRENE-BUTADIENE RUBBER (SBR) EMULSION AND SOLUTION-POLYMERIZED TYPES -EVALUATION PROCEDURES (Second Revision)		-	Identical under dual numbering
15	IS 14788:2018 ISO 2322 : 2014 Reviewed In : 2023 ISO 2322 : 2023	Styrene - Butadiene rubber (Sbr) - Emulsion and solution - Polymerized types - Evaluation procedures (First Revision)	July, 2023	-	Identical under dual numbering
16	IS 14794:2022 ISO 2302:2020 ISO 2302:2020	ISOBUTENE-ISOPRENE RUBBER IIR EVALUATION PROCEDURES Third Revision		-	Identical under dual numbering
17	IS 15076:2018 ISO 2475:2011 Reviewed In : 2024 ISO 2475:2011	Chloroprene Rubber CR - General Purpose Types Evaluation Procedure First Revision	March, 2024	-	Identical under dual numbering
18	IS 16705:2025 ISO/TS 16095 : 2021 ISO/TS 16095 : 2021	RECLAIMED RUBBER DERIVED FROM PRODUCTS CONTAINING MAINLY NATURAL RUBBER EVALUATION PROCEDURE (First Revision)		-	Identical under dual numbering
19	IS 16705 (Part 3):2018 ISO/TS 16095 : 2021	Reclaimed rubber derived from products containing mainly natural rubber Evaluation procedure		-	Identical under dual numbering
20	IS 16713:2018 ISO/TS 16096 : 2021	Reclaimed isobutene - Isoprene (Iir) rubber - Evaluation procedure		-	Identical under dual numbering
21	IS 16713:2025 ISO/TS 16096 : 2021 ISO/TS 16096 : 2021	RECLAIMED ISOBUTENE-ISOPRENE IIR RUBBER EVALUATION PROCEDURE (First Revision)		-	Identical under dual numbering
22	IS 16751:2018 ISO 9691 : 1992 Reviewed In : 2024 ISO 9691:1992	Rubber - Recommendations for the workmanship of pipe joint rings - Description and classification of imperfections	July, 2024	-	Identical under dual numbering

23	IS 16752:2018 ISO 3302-1 : 2014 Reviewed In : 2024 ISO 3302-1:2014	Rubber - Tolerances for products - Dimensional tolerances	July, 2024	-	Identical under dual numbering
24	IS 16774:2018 ISO 2439 : 2008 Reviewed In : 2024 ISO 2439:2008	Flexible cellular polymeric materials - Determination of hardness (Indentation Technique)	July, 2024	-	Identical under dual numbering
25	IS 16801:2018 ISO 4650 : 2012 Reviewed In : 2024 ISO 4650:2012	Rubber - Identification - Infrared spectrometric methods	March, 2024	-	Identical under dual numbering
26	IS 16848 (Part 1/Sec 1):2024 6502-1: 2018 6502-1: 2018	Rubberï¿½ Methods of Test Part 1 Measurement of vulcanization characteristics using curemeters Section 1 Introduction		-	Identical under dual numbering
27	IS 16848 (Part 1/Sec 2):2024 6502-2:2018 6502-2:2018	Rubberï¿½ Methods of Test Part 1 Measurement of vulcanization characteristics using curemeters Section 2 Oscillating disc curemeter		-	Identical under dual numbering
28	IS 16848 (Part 1/Sec 3):2024 ISO 6502-3:2023 ISO 6502-3:2023	Rubber ï¿½ Methods of Test Part 1 Measurement of vulcanization characteristics using curemeters Section 3 Rotorless curemeter		-	Identical under dual numbering
29	IS 16848 (Part 2):2024	Rubber ï¿½ Methods of Test Part 2 Determination of styrene content ï¿½ Nitration method		-	Indigenous
30	IS 17115:2019 ISO 3385 : 2014 Reviewed In : 2024 ISO 3385:2014	Flexible cellular polymeric materials - Determination of fatigue by constant - Load pounding	March, 2024	-	Identical under dual numbering
31	IS 17159:2019 ISO 6605 : 2017 Reviewed In : 2024 ISO 6605:2017	Hydraulic fluid power - Hoses and hose assemblies - Test methods	March, 2024	-	Identical under dual numbering
32	IS 17160:2019 ISO 9298 : 2017 Reviewed In : 2024 ISO 9298:2017	Rubber compounding ingredients - Zinc oxide - Test methods	March, 2024	-	Identical under dual numbering
33	IS 3400:2021 ISO 37 : 2017 ISO 37 : 2017	Methods of Test for Vulcanized Rubber Part 1 Tensile Stress-Strain Properties		-	Identical under dual numbering
34	IS 3400 (Part 2):2023 ISO 48-2:2018 ISO 48-2:2018	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 2 HARDNESS BETWEEN 10 IRHD AND 100 IRHD (Fifth Revision)		-	Identical under dual numbering
35	IS 3400 (Part 2/Sec 1):2022 ISO 48-1:2018 ISO 48-1:2018	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 1 INTRODUCTION AND GUIDANCE		-	Identical under dual numbering
36	IS 3400 (Part 2/Sec 3):2022	METHODS OF TEST FOR RUBBER, VULCANIZED OR		-	Identical under dual numbering

	ISO 48-3:2018 ISO 48-3:2018	THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 3 DEAD-LOAD HARDNESS USING THE VERY LOW RUBBER HARDNESS (VLRH) SCALE			
37	IS 3400 (Part 2/Sec 4):2022 ISO 48-4:2018 ISO 48-4:2018	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 4 INDENTATION HARDNESS BY DUROMETER METHOD (SHORE HARDNESS) (Second Revision)		-	Identical under dual numbering
38	IS 3400 (Part 2/Sec 5):2022 ISO 48-5:2018 ISO 48-5:2018	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 5 INDENTATION HARDNESS BY IRHD POCKET METER METHOD (Second Revision)		-	Identical under dual numbering
39	IS 3400 (Part 2/Sec 6):2023 ISO 48-6:2018 ISO 48-6:2018	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 6 APPARENT HARDNESS OF RUBBER-COVERED ROLLERS BY IRHD METHOD		-	Identical under dual numbering
40	IS 3400 (Part 2/Sec 7):2022 ISO 48-7:2018 ISO 48-7:2018	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 7 APPARENT HARDNESS OF RUBBER-COVERED ROLLERS BY SHORE-TYPE DUROMETER METHOD		-	Identical under dual numbering
41	IS 3400 (Part 2/Sec 8):2022 ISO 48-8:2018 ISO 48-8:2018	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 8 APPARENT HARDNESS OF RUBBER-COVERED ROLLERS BY PUSEY AND JONES METHOD		-	Identical under dual numbering
42	IS 3400 (Part 2/Sec 9):2022 ISO 48-9:2018 ISO 48-9:2018	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 2 DETERMINATION OF HARDNESS SECTION 9 CALIBRATION AND VERIFICATION OF HARDNESS TESTERS		-	Identical under dual numbering
43	IS 3400 (Part 3):2021	Methods of Test for Vulcanized Rubbers Part 3 Abrasion		-	Identical under dual numbering

	ISO 4649:2010 ISO 4649:2017	Resistance using a Rotating Cylindrical Drum Device (Third Revision)			
44	IS 3400 (Part 4):2012 ISO 188 : 2011 Reviewed In : 2024 ISO 188 : 2011	Methods of test for vulcanized rubber: Part 4 accelerated ageing and heat resistance (Third Revision)	July, 2024	-	Identical under dual numbering
45	IS 3400 (Part 5):2022 ISO 36:2020 ISO 36:2020	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 5 ADHESION OF RUBBERS TO TEXTILE FABRICS (Fourth Revision)		-	Identical under dual numbering
46	IS 3400 (Part 6):2018 ISO 1817 : 2015 Reviewed In : 2024 ISO 1817:2015	Methods of Test for Vulcanized Rubbers Part 6 Determination of the Effect of Liquids (Fourth Revision)	July, 2024	-	Identical under dual numbering
47	IS 3400 (Part 7):2021 ISO 132 : 2017 ISO 132 : 2017	Methods of Test for Vulcanized Rubber Part 7: Determination of flex cracking and crack growth De Mattia		-	Identical under dual numbering
48	IS 3400 (Part 9):2020 ISO 2781 : 2018 Reviewed In : 2024 ISO 2781:2018	Methods of Test for Vulcanized Rubber Part 9 Rubber, Vulcanized or Thermoplastic — Determination of Density (Fourth Revision)	July, 2024	-	Identical under dual numbering
49	IS 3400 (Part 10/Sec 1):2022 ISO 815-1:2019 ISO 815-1:2019	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 10 COMPRESSION SET SECTION 1 AT AMBIENT OR ELEVATED TEMPERATURES (Third Revision)		-	Identical under dual numbering
50	IS 3400 (Part 10/Sec 2):2022 ISO 815-2:2019 ISO 815-2:2019	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 10 COMPRESSION SET SECTION 2 AT LOW TEMPERATURES (Third Revision)		-	Identical under dual numbering
51	IS 3400 (Part 11):2021 ISO 4662:1978	Methods of Test for Vulcanized Rubber Part 11 Determination of Rebound Resilience (Second Revision)	-	-	Not Equivalent
52	IS 3400 (Part 12):2022 ISO 34-1:2015 ISO 34-1:2015	Methods of test for vulcanized rubbers: Part 12 Tear strength-crescent test piece First Revision		-	Identical under dual numbering
53	IS 3400 (Part 13):2021 ISO 2285 :2013 ISO 2285 :2013	Methods of test for vulcanized rubbers: Part 13 Tension Set Second Revision		-	Identical under dual numbering
54	IS 3400 (Part 14/Sec 1):2021 ISO 813:2016 ISO 813:2016	Methods of test for Vulcanized Rubbers: Part 14 Adhesion of Rubber to Rigid Substrate Section 1 90 peel method Second Revision		-	Identical under dual numbering
55	IS 3400 (Part 14/Sec 2):2021	Methods of test for Vulcanized Rubbers: Part 14 Adhesion of		-	Identical under dual numbering

	ISO 814 :2017 ISO 814 :2017	Rubber to Metal Section 2 Two-plate method Second Revision			
56	IS 3400 (Part 14/Sec 3):2020 ISO 5600 : 2017 Reviewed In : 2024 ISO 5600 :2017	Methods of Test for Vulcanized Rubbers Part 14 Adhesion of Rubber to Rigid Material Section 3 Using conical shaped parts (Second Revision)	July, 2024	-	Identical under dual numbering
57	IS 3400 (Part 15):2022 ISO 14309:2019 ISO 14309:2019	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 15 DETERMINATION OF VOLUME AND/OR SURFACE RESISTIVITY (First Revision)		-	Identical under dual numbering
58	IS 3400 (Part 16):1974 Reviewed In : 2024 Reaffirmed but not taken up for revision ASTM D 1052	Methods of test for vulcanized rubbers: Part xvi measurement of cut growth of rubber by the use of the ross flexing machine	July, 2024	-	Not Equivalent
59	IS 3400 (Part 18):2021 ISO 1432 : 2013 ISO 1432 : 2013	Methods of Test for Vulcanized Rubbers - Part 18 : Stiffness at Low Temperature Gehman Test(Second Revision)		-	Identical under dual numbering
60	IS 3400 (Part 19):2020 ISO 2782-1 : 2016 Reviewed In : 2024 ISO 2782-1:2016	Methods of Test for Vulcanized Rubbers Part 19 Permeability to Gases (Constant Volume Method) (First Revision)	July, 2024	-	Identical under dual numbering
61	IS 3400 (Part 20):2018 ISO 1431-1 : 2012 Reviewed In : 2023 ISO 1431-1 : 2022	Methods of Test for Vulcanized Rubbers - Part 20 : Resistance to Ozone Cracking - Static Strain Test (Second Revision)	July, 2023	-	Identical under dual numbering
62	IS 3400 (Part 20):2025 ISO 1431-1 : 2022 ISO 1431-1 : 2022	Vulcanized Rubber - Methods of Test Part 20 Resistance to ozone cracking - Static strain test (Third Revision))		-	Identical under dual numbering
63	IS 3400 (Part 21):2020 ISO 2782-2 : 2018 Reviewed In : 2024 ISO 2782-2:2018	Methods of Test for Vulcanized Rubbers Part 21 Permeability to Gases — Constant Pressure Method (First Revision)	July, 2024	-	Identical under dual numbering
64	IS 3400 (Part 22):1984 Reviewed In : 2019 Reaffirmed but not taken up for revision ASTM D 297	Methods of test for vulcanized rubber: Part 22 chemical analysis	January, 2019	-	Not Equivalent
65	IS 3400 (Part 23/Sec 2):2018 ISO 7619-2 : 2010 ISO 7619-2:2010	Methods of test for vulcanized rubbers: Part 23 rubber - Determination of indentation hardness by means of pocket hardness meters section 2 irhd pocket meter method (First Revision)		-	Identical under dual numbering
66	IS 3400 (Part 24):2021 ISO 8033 : 2016 ISO 8033 : 2016	Methods for Test for Volcanized Rubbers - Part 24 Rubber and Plastics Hose - Determination of Adhesion Between Components		-	Identical under dual numbering

67	IS 3400 (Part 25):2022 ISO 812 : 2017 ISO 812 : 2017	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 25 DETERMINATION OF LOW-TEMPERATURE BRITTLENESS (First Revision)		-	Identical under dual numbering
68	IS 3400 (Part 26):2025 ISO 1827 : 2022 ISO 1827 : 2022	Vulcanized Rubber - Methods of Test Part 26 Determination of Shear Modulus and Adhesion to Rigid Plates - Quadruple-Shear Methods (First Revision)		-	Identical under dual numbering
69	IS 3400 (Part 26):2019 ISO 1827 : 2016 ISO 1827 : 2022	Methods of test for vulcanized rubbers: Part 26 determination of shear modulus and adhesion to rigid plates - Quadruple - Shear methods		-	Identical under dual numbering
70	IS 3400 (Part 27):2019 ISO 1431-3 : 2007 Reviewed In : 2024 ISO 1431-3:2017	Methods of test for vulcanized rubbers: Part 27 resistance to ozone cracking - Reference and alternative methods for determining the ozone concentration in laboratory test chambers	March, 2024	-	Identical under dual numbering
71	IS 3400 (Part 28):2022 ISO 3384-1:2019 ISO 3384-1:2019	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 28 DETERMINATION OF STRESS RELAXATION IN COMPRESSION ï¿½ TESTING AT CONSTANT TEMPERATURE (First Revision)		-	Identical under dual numbering
72	IS 3400 (Part 29):2022 ISO 6914:2021 ISO 6914:2021	METHODS OF TEST FOR RUBBER, VULCANIZED OR THERMOPLASTIC PART 29 DETERMINATION OF AGEING CHARACTERISTICS BY MEASUREMENT OF STRESS RELAXATION IN TENSION (First Revision)		-	Identical under dual numbering
73	IS 3660 (Part 1):1999 Reviewed In : 2024 ISO 249:2014	Methods of test for natural rubber - Part 1 : determination of dirt (Third Revision)	July, 2024	2	Not Equivalent
74	IS 3660 (Part 2):1985 Reviewed In : 2024 ISO 248-1,ISO 248-2	Methods of test for natural rubber - Part 2 : determination of volatile matter (Second Revision)	July, 2024	1	Not Equivalent
75	IS 3660 (Part 4):2017 ISO 8053 : 1995 Reviewed In : 2024 ISO 8053:1995	Methods of test for natural rubber: Part 4 determination of total copper - Photometric method [nr : 4] (Third Revision)	July, 2024	-	Identical under dual numbering
76	IS 3660 (Part 5):1989 Reviewed In : 2024 ISO 7780:1998	Methods of test for natural rubber: Part 5 determination of manganese (Nr:5) (Second Revision)	July, 2024	-	Not Equivalent
77	IS 3660 (Part	Methods of test for natual rubber:	January, 2019	-	Not Equivalent

	6):1988 Reviewed In : 2019 Reaffirmed but not taken up for revision IS0 5945:1982	Part 6 determination of rubber hydrocarbon [nr:7} (Second Revision)			
78	IS 3660 (Part 7):2013 ISO289-1:2005 Reviewed In : 2024 ISO 289-1:2005	Methods of Test for Natural Rubber Part 7 : Determination of Mooney Viscosity	July, 2024	-	Identical under dual numbering
79	IS 3660 (Part 8):2023 ISO 2393:2014 ISO 2393:2014	METHODS OF TEST FOR NATURAL RUBBER PART 8 RUBBER TEST MIXES PREPARATION MIXING AND VULCANIZATION EQUIPMENT AND PROCEDURES NR : 9 Third Revision of IS 3600 Part 8		-	Identical under dual numbering
80	IS 3660 (Part 9):2016 ISO 1407 : 2011 Reviewed In : 2021 ISO 1407 : 2011	Methods of test for natural rubber: Part 9 determination of solvent extract [nr : 10] (Second Revision)	April, 2021	-	Identical under dual numbering
81	IS 3660 (Part 10):2000 Reviewed In : 2024 ISO 1656:1996	Methods of test for natural rubber: Part 10 determination of nitrogen content [nr:11] (First Revision)	July, 2024	-	Not Equivalent
82	IS 3660 (Part 11):2021 ISO 2007:2007 ISO 4662 : 2017	Methods of Test for Natural Rubber - Part 11 : Determination of Plasticity		-	Identical under dual numbering
83	IS 3660 (Part 12):2022 ISO 2930:2017 ISO 2930:2017	METHODS OF TEST FOR NATURAL RUBBER PART 12 DETERMINATION OF PLASTICITY RETENTION INDEX PRI NR : 13 Third Revision		-	Identical under dual numbering
84	IS 3660 (Part 13):2023 ISO 4660:2020 ISO 4660:2020	METHODS OF TEST FOR NATURAL RUBBER PART 13 DETERMINATION OF COLOUR NR : 14 Second Revision of IS3660 Part 13		-	Identical under dual numbering
85	IS 3708 (Part 1):2013 ISO 126:2005 Reviewed In : 2024 ISO 126:2005	Methods of test for natural rubber latex: Part 1 determination of dry rubber content [nrl : 1] (Second Revision)	February, 2024	-	Identical under dual numbering
86	IS 3708 (Part 2):2024 2005:2014 2005:2014	NATURAL RUBBER LATEX-METHODS OF TEST PART 2 DETERMINATION OF SLUDGE CONTENT (Second Revision)		-	Identical under dual numbering
87	IS 3708 (Part 3):2018 ISO 705 : 2015 Reviewed In : 2024 ISO 705:2015	Methods of test for natural rubber latex: Part 3 determination of density (Second Revision)	July, 2024	-	Identical under dual numbering
88	IS 3708 (Part 4):2023 ISO 125:2020	METHODS OF TEST FOR NATURAL RUBBER LATEX PART 4 NATURAL RUBBER		-	Identical under dual numbering

	ISO 125:2020	LATEX CONCENTRATE DETERMINATION OF ALKALINITY Fourth Revision			
89	IS 3708 (Part 5):2022 ISO 127:2018 ISO 127:2018	METHODS OF TEST FOR NATURAL RUBBER LATEX PART 5 DETERMINATION OF KOH NUMBER Fourth Revision		-	Identical under dual numbering
90	IS 3708 (Part 6):2024 ISO 35:2004 ISO 35:2004	NATURAL RUBBER LATEX-Methods of Test PART 6 DETERMINATION OF MECHANICAL STABILITY (second revision)		-	Identical under dual numbering
91	IS 3708 (Part 7):2022 ISO 506:2020 ISO 506:2020	METHODS OF TEST FOR NATURAL RUBBER LATEX PART 7 DETERMINATION OF VOLATILE FATTY ACID NUMBER Third Revision		-	Identical under dual numbering
92	IS 3708 (Part 8):2018 ISO 1656 : 2014 Reviewed In : 2024 ISO 1656:2014	Methods of test for natural rubber latex: Part 8 rubber, raw natural and rubber latex, natural - Determination of nitrogen content (Third Revision)	July, 2024	-	Identical under dual numbering
93	IS 3708 (Part 9):2018 ISO 247 : 2006 Reviewed In : 2024 ISO 247:2006	Methods of test for natural rubber latex: Part 9 determination of total ash (Third Revision)	July, 2024	-	Identical under dual numbering
94	IS 3708 (Part 10):2023 ISO 1802:1992 ISO 1802:1992	METHODS OF TEST FOR NATURAL RUBBER LATEX PART 10 NATURAL RUBBER LATEX CONCENTRATE DETERMINATION OF BORIC ACID CONTENT		-	Identical under dual numbering
95	IS 3708 (Part 11):2001 Reviewed In : 2024	Methods of test for natural rubber latex: Part 11 determination of magnesium (Direct Titration Method) [nrl:18] (Second Revision)	July, 2024	-	Indigenous
96	IS 433 (Part 7):2022 ISO 8033:2016 ISO 8033:2016	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 7 RUBBER AND PLASTICS HOSES DETERMINATION OF ADHESION BETWEEN COMPONENTS		-	Identical under dual numbering
97	IS 443:2022 ISO 7326:2016 ISO 7326:2016	METHODS OF TEST FOR RUBBER AND PLASTICS ï¿½ TUBING, HOSES AND HOSE ASSEMBLIES PART 1 RUBBER AND PLASTICS HOSES ï¿½ ASSESSMENT OF OZONE RESISTANCE UNDER STATIC CONDITIONS (Fourth Revision)		-	Identical under dual numbering
98	IS 443 (Part 2):2023 6801:2021 6801:2021	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 2 RUBBER AND PLASTICS HOSES		-	Identical under dual numbering

		DETERMINATION OF VOLUMETRIC EXPANSION			
99	IS 443 (Part 3):2023 1402:2021 1402:2021	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 3 RUBBER AND PLASTICS HOSES AND HOSE ASSEMBLIES HYDROSTATIC TESTING		-	Identical under dual numbering
100	IS 443 (Part 4):2022 ISO 8031:2020 ISO 8031:2020	METHODS OF TEST FOR RUBBER AND PLASTICS ï¿½ TUBING, HOSES AND HOSE ASSEMBLIES PART 4 RUBBER AND PLASTICS HOSES AND HOSE ASSEMBLIES ï¿½ DETERMINATION OF ELECTRICAL RESISTANCE AND CONDUCTIVITY (Fourth Revision)		-	Identical under dual numbering
101	IS 443 (Part 5):2022 7662:1988 7662:1988	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 5 RUBBER AND PLASTICS HOSES DETERMINATION OF ABRASION OF LINING First Revision		-	Identical under dual numbering
102	IS 443 (Part 6):2022 6803 : 2017 6803 : 2017	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 6 RUBBER AND PLASTICS HOSES AND HOSE ASSEMBLIES HYDRAULIC PRESSURE IMPULSE TEST WITHOUT FLEXING First Revision		-	Identical under dual numbering
103	IS 443 (Part 8):2023 4671:2022 4671:2022	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 8 RUBBER AND PLASTICS HOSES AND HOSE ASSEMBLIES METHODS OF MEASUREMENT OF THE DIMENSIONS OF HOSES AND THE LENGTHS OF HOSE ASSEMBLIES ISO 4671 : 2022 IDT		-	Identical under dual numbering
104	IS 443 (Part 9):2023 7233:2021 7233:2021	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 9 RUBBER AND PLASTICS HOSES AND HOSE ASSEMBLIES DETERMINATION OF RESISTANCE TO VACUUM ISO 7233 : 2021 IDT		-	Identical under dual numbering
105	IS 443 (Part 10):2023 10619-1:2017	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE		-	Identical under dual numbering

	10619-1:2017	ASSEMBLIES PART 10 RUBBER AND PLASTICS HOSES AND TUBING MEASUREMENT OF FLEXIBILITY AND STIFFNESS BENDING TESTS AT AMBIENT TEMPERATURE ISO 10619-1 : 2017 IDT			
106	IS 443 (Part 11):2023 10619-2:2021 10619-2:2021	METHODS OF TEST FOR RUBBER AND PLASTICS TUBING HOSES AND HOSE ASSEMBLIES PART 11 RUBBER AND PLASTICS HOSES AND TUBING MEASUREMENT OF FLEXIBILITY AND STIFFNESS BENDING TESTS AT SUB-AMBIENT TEMPERATURES ISO 10619-2 : 2021 IDT		-	Identical under dual numbering
107	IS 4511 (Part 1):1986 Reviewed In : 2025 Decision taken to Reaffirm and Archive	Methods of test for styrene - Butadiene rubber (Sbr) latices: Part 1 determination of dry polymer content sbrl : 1 (First Revision)	May, 2025	-	Indigenous
108	IS 4511 (Part 2):1986 Reviewed In : 2024 Reaffirmed but not taken up for revision	Methods of test for styrene - Butadiene rubber (Sbr) latices: Part 2 determination of density sbrl:6 (First Revision)	July, 2024	-	Indigenous
109	IS 4511 (Part 3):1987 Reviewed In : 2025 Decision taken to Reaffirm and Archive ISO 2008:1980	Methods of test for styrene - Butadiene rubber (Sbr) latices: Part 3 determination of volatile unsaturates [sbrl:8] (First Revision)	May, 2025	-	Not Equivalent
110	IS 4511 (Part 4):2023 ISO 3136:1983 ISO 3136:1983	Methods of test for Styrene Butadiene Rubber SBR Latices Part 4 Determination of bound Styrene		-	Identical under dual numbering
111	IS 4511 (Part 5):2005 ISO 7781 Reviewed In : 2024 ISO 7781	Method of test for styrene - Butadiene rubber (Sbr), latices: Part 5 determination of soap and organic - Acid content (Second Revision)	July, 2024	-	Identical under dual numbering
112	IS 4511 (Part 6):1987 Reviewed In : 2024 ISO 2006-1:2009	Methods of test for styrene - Butadiene rubber (Sbr) latices: Part 6 determination of high - Speed mechanical stability	July, 2024	-	Not Equivalent
113	IS 4518 (Part 1):1967 Reviewed In : 2019 Reaffirmed but not taken up for revision ASTM D1416:1989	Methods of tests for styrene - Butadiene rubbers (Sbr): Part 1 determlNatlOn of volatile matter, total ash, organic acid, soap, antioxidants, bound styrene and mooney viscosity	January, 2019	-	Not Equivalent
114	IS 4518 (Part 2):1971	Methods of test for styrene - Butadiene rubbers: Part ii	January, 2019	-	Not Equivalent

	Reviewed In : 2019 Reaffirmed but not taken up for revision ASTM D 1416	determination of solvent extract and oil content			
115	IS 4518 (Part 3):2024 ISO 2453 : 2020 ISO 2453 : 2020	STYRENE ï¿½ BUTADIENE RUBBERS ï¿½ METHODS OF TEST PART 3 DETERMINATION OF BOUND STYRENE CONTENT ï¿½ REFRACTIVE INDEX METHOD		-	Identical under dual numbering
116	IS 4518 (Part 4/Sec 1):2024 ISO 21561-1:2015 ISO 21561-1:2015	STYRENE ï¿½ BUTADIENE RUBBER ï¿½ METHODS OF TEST PART 4 DETERMINATION OF THE MICROSTRUCTURE OF SOLUTION-POLYMERIZED SBR Section 1 1H-NMR AND IR WITH CAST-FILM METHOD		-	Identical under dual numbering
117	IS 4518 (Part 4/Sec 2):2024 ISO 21561-2:2016 ISO 21561-2:2016	STYRENE ï¿½ BUTADIENE RUBBERS ï¿½ METHODS OF TEST PART 4 DETERMINATION OF THE MICROSTRUCTURE OF SOLUTION-POLYMERIZED SBR Section 2 FTIR WITH ATR METHOD		-	Identical under dual numbering
118	IS 5599:1999 Reviewed In : 2019 Reaffirmed but not taken up for revision ISO 1795	Rubber - Raw,naturaland synthetic - Methods for sampling and sample preparation (First Revision)	January, 2019	-	Not Equivalent
119	IS 6306:1971 Reviewed In : 2025	Methods of test for reclaimed rubber	May, 2025	2	Indigenous
120	IS 7086 (Part 1):1973 Reviewed In : 2024 Reaffirmed but not taken up for revision	Methods of sampling and test for rubber compounding ingredients,: Part 1	July, 2024	1	Indigenous
121	IS 7498:1985 Reviewed In : 2024 Reaffirmed but not taken up for revision	Methods of sampling and test for carbon black (First Revision)	July, 2024	-	Indigenous
122	IS 7499:2023 1658:2022 1658:2022	NATURAL RUBBER NR - EVALUATION PROCEDURE (Third Revision)		-	Identical under dual numbering
123	IS 7888:1976 Reviewed In : 2019 Reaffirmed but not taken up for revision ASTM D1565,BS 3667 P-1and P-2 ,BS 3667 P-3and P-10,	Methods of test for flexible polyurethane foam	January, 2019	-	Not Equivalent
124	IS 8683:1977 Reviewed In : 2019 Reaffirmed but not taken up for revision ISO 247,ISO 289,	Methods of test for raw acrylonitrile butadiene rubber	January, 2019	-	Not Equivalent

	ISO 1407				
125	IS 9316 (Part 1):2023 1409:2020 1409:2020	METHODS OF TEST FOR RUBBER LATEX PART 1 DETERMINATION OF SURFACE TENSION RL : 1 ISO 1409:2020 IDT		-	Identical under dual numbering
126	IS 9316 (Part 2):2024 ISO 1652:2011 ISO 1652:2011	RUBBER LATEX ï¿½ METHODS OF TEST PART 2 DETERMINATION OF VISCOSITY (Second Revision)		-	Identical under dual numbering
127	IS 9316 (Part 3):1987 Reviewed In : 2024 ISO 706:1985	Methods of test for rubber latex: Part 3 determination of coagulum content (Sieve Residue) [rl:3] (First Revision)	July, 2024	1	Not Equivalent
128	IS 9316 (Part 4):2023 124:2014 124:2014	METHODS OF TEST FOR RUBBER LATEX PART 4 DETERMINATION OF TOTAL SOLIDS CONTENT RL : 4 ISO 124:2014 IDT		-	Identical under dual numbering
129	IS 9316 (Part 5):2013 ISO 123:2001 Reviewed In : 2024 ISO 123:2001	Methods of test for rubber latex: Part 5 drawing of samples [rl : 5] (Second Revision)	February, 2024	-	Identical under dual numbering
130	IS 9316 (Part 6):2017 ISO 976 : 2013 Reviewed In : 2024 ISO 976:2013	Methods of test for rubber latex: Part 6 determination of pH [rl : 6] (Second Revision)	July, 2024	-	Identical under dual numbering
131	IS 9316 (Part 7):1987 Reviewed In : 2024 ISO/R 1654:1971	Methods of test for rubber latex: Part 7 determination of total copper [rl:7]	July, 2024	-	Not Equivalent
132	IS 9316 (Part 8):2023 1657:1986 1657:1986	METHODS OF TEST FOR RUBBER LATEX PART 8 DETERMINATION OF TOTAL IRON ISO 1657:1986 IDT		-	Identical under dual numbering
133	IS 9316 (Part 9):1987 Reviewed In : 2024 ISO 1655:1975	Methods of test for rubber latex: Part 9 determination of total manganese [rl:9]	July, 2024	-	Not Equivalent

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
No Records Found		

Preliminary Draft Standards

SI. No.	Doc No.	Title
No Records Found		

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
No Records Found		

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
No Records Found		

Total Published Standards:121 Total Standards Under development:0

Aspect Wise Report

Product : 0
Code of Practices : 0
Methods of Test : 126
Terminology : 0
Dimensions : 1
System Standard : 0
Safety Standard : 0
Others : 1
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 11720 (Part 2):2013 ISO 3417 :2008 Reviewed In : 2019 ISO 3417 :2008	Methods of test for synthetic rubber Part 2 measurement of vulcanization characteristics with the oscillating disc curemeter Second Revision
2	IS 12656:2014 ISO 10619-1 : 2011 Reviewed In : 2019 ISO 10619-1 : 2011	Rubber or plastics hoses and tubing - Bending tests First Revision
3	IS 12657:2014 ISO10619-2 : 2011 Reviewed In : 2019 ISO 10619-2 : 2011	Rubber and plastics hoses - Subambient temperature flexibility tests First Revision
4	IS 14789:2000 ISO 5478 : 1990 Reviewed In : 2019 ISO 5478	Rubber - Determination of styrene content - Nitration method
5	IS 15913:2011 Reviewed In : 2021 ISO 4671:2007	Rubber and plastics hoses and hose assemblies - Methods of measurement of the dimensions of hoses and the lengths of hose assemblies
6	IS 16209:2014 ISO 7233 : 2006 Reviewed In : 2019 ISO 7233 : 2006	Rubber and plastics hoses and hose assemblies - Determination of resistance to vacuum

7	IS 16848:2018 ISO 6502 : 2016 ISO 6502:2016	Rubber - Guide to the use of curemeters
8	IS 3400 (Part 8):1983 Reviewed In : 2017	Methods of test for vulcanized rubbers Part 8 resistance to crack - Growth First Revision
9	IS 3400 (Part 10):1977 Reviewed In : 2019 ISO 815	Methods of test for vulcanized rubbers Part x compression set at constant strain First Revision
10	IS 3400 (Part 14):1984 Reviewed In : 2019 ISO 813,ISO 814,ISO 5600	Methods of test for vulcanized rubbers Part 14 adhesion of rubber to metal First Revision
11	IS 3400 (Part 17):1974 Reviewed In : 2019 ASTM D 624	Methods of test for vulcanized rubbers Part xvii tear strength - Angular test piece
12	IS 3400 (Part 23):2002 ISO 7619 Reviewed In : 2017	Methods of Test for Vulcanized Rubbers - Part 23 Rubber - Determination of Indentation Hardness by Means of Pocket Hardness Meters
13	IS 3400 (Part 23/Sec 1):2018 ISO 7619-1 : 2010 ISO 7619-1:2010	Methods of test for vulcanized rubbers Part 23 rubber - Determination of indentation hardness by means of pocket hardness meters section 1 durometer method Shore Hardness First Revision
14	IS 7016 (Part 1):1982 Reviewed In : 2019 ISO 2286:1972	Methods of test for coated and treated fabrics Part 1 determination of roll characteristics First Revision
15	IS 7016 (Part 3):1981 Reviewed In : 2019	Methods of test for coated and treated fabrics Part 3 determination of tear strength First Revision
16	IS 7016 (Part 6):1984 Reviewed In : 2019 ISO 3303:1979	Methods of test for coated and treated fabrics - Part 6 determination of bursting strength First Revision

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
No Records Found		