

BUREAU OF INDIAN STANDARDS

Program of Work

TED 16 : Bicycles

Scope: a) Formulation of standards for bicycles including electric bicycles, bicycle parts and accessories, glossary of terms, etc. b) Co-ordination of work with ISO/ TC 149 and its relevant subcommittee ISO/ TC 149/ SC 1, c) Co-ordination of work with ISO/TC 31 and its relevant sub-committee ISO/ TC 31/ SC 10.

Liaison: **ISO TC-149 (P): Cycles ISO TC-149 SC-1 (P): Cycles and major sub-assemblies ISO TC-31 SC-10 (P): Cycle, moped, motorcycle tyres and rims ISO TC-31 (P): Tyre, Rims and Valves**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10613 : 2023	CYCLES SAFETY AND PERFORMANCE REQUIREMENTS FOR BICYCLES		-	Indigenous
2	IS 10613 : 2014 <i>Reviewed In : 2019</i>	Cycles - Safety requirements for bicycles (Second Revision)	September, 2019	-	Indigenous
3	IS 1131 : 2006 <i>Reviewed In : 2021</i>	Bicycle bottom bracket specification (Third Revision)	March, 2021	1	Indigenous
4	IS 1132 : 2009 <i>Reviewed In : 2023</i>	Bicycle - Bottom bracket ball cups - Specification (Third Revision)	November, 2023	1	Indigenous
5	IS 1134 : 2004 <i>Reviewed In : 2021</i>	Bicycles bottom bracket lock ring - Specification (Third Revision)	March, 2021	1	Indigenous
6	IS 12426 : 1988 <i>Reviewed In : 2018</i>	Code of practice - For wrapping and packing of bicycle components and spare parts	January, 2018	-	Indigenous
7	IS 12474 : 1988 <i>Reviewed In : 2024</i> Decision taken to Reaffirm and Archive	Bicycle Steering Head Assembly (r Type)	January, 2024	1	Indigenous
8	IS 1281 : 2014 <i>Reviewed In : 2023</i>	Bicycles - Cranks and chain wheels - Specification (Third Revision)	November, 2023	-	Indigenous
9	IS 1282 : 2018 <i>Reviewed In : 2023</i>	Bicycle - Bicycle cotter pins, washers and nuts - Specification (Second Revision)	July, 2023	-	Indigenous
10	IS 1283 : 1995 <i>Reviewed In : 2021</i>	Bicycles - Free - Wheels - Specification (Second Revision)	March, 2021	1	Indigenous
11	IS 14221 (Part 1) : 2015 <i>Reviewed In : 2020</i>	Retro-Reflective Tapes - Specification Part 1 Bicycles (First Revision)	August, 2020	-	Indigenous
12	IS 14363 : 2018 ISO 11243 : 2016 <i>Reviewed In : 2023</i> ISO 11243:2016	Cycles - Luggage carriers for bicycles - Requirements and test methods (Second Revision)	July, 2023	-	Identical under dual numbering

13	IS 15184 : 2002 Reviewed In : 2021	Bicycles - Steel balls - Specification	March, 2021	-	Indigenous
14	IS 15533 : 2024 ISO 8098:2023 ISO 8098:2023	Cycles " Safety Requirements for Bicycles for Young Children (Second Revision)		-	Identical under dual numbering
15	IS 15533 : 2018 ISO 8098 : 2014 ISO 8098:2023	Cycles - Safety requirements for bicycles for young children (First Revision)	-	1	Identical under dual numbering
16	IS 16305 : 2017 Reviewed In : 2022 ISO 8090:1990	Cycle - Glossary of terms used in the bicycle industry	March, 2022	-	Modified/Technically Equivalent
17	IS 16314 : 2015 Reviewed In : 2020	Cycle - Bicycle for general purpose - Specification	December, 2020	-	Indigenous
18	IS 19034 : 2024	BMX Bicycles i ₁ / ₂ Safety Requirements and Methods of Test		-	Indigenous
19	IS 2061 : 1995 Reviewed In : 2021	Bicycle - Front forks - Specification (First Revision)	March, 2021	3	Indigenous
20	IS 2414 : 2005 ISO 5775-1 Reviewed In : 2021 ISO 5775-1:1997	Cycle and rickshaw pneumatic tyres - Specification (Fourth Revision)	March, 2021	-	Modified/Technically Equivalent
21	IS 2415 : 2015 Reviewed In : 2021	Cycle - Rubber tubes (Moulded/ Jointed) - Specification (Fourth Revision)	March, 2021	-	Indigenous
22	IS 2973 : 2017 Reviewed In : 2022	Bicycle Steering Head Assembly - Specification	March, 2022	-	Indigenous
23	IS 532 : 2006 Reviewed In : 2021	Bicycle tube valves and valve - Tubing - Specification (Third Revision)	March, 2021	-	Indigenous
24	IS 6218 : 2008 Reviewed In : 2023	Bicycle - Mudguards - Specification (First Revision)	November, 2023	-	Indigenous
25	IS B6218 : 2008 Reviewed In : 2023	Bicycle - Mudguards (Bi-lingual)	November, 2023	-	
26	IS 623 : 2008 Reviewed In : 2023	Bicycle - Bicycle frames - Specification (Third Revision)	November, 2023	2	Indigenous
27	IS 624 : 2003 ISO 5775-2 Reviewed In : 2019 ISO 5775-2:1988	Bicycles - Rims - Specification (Fourth Revision)	January, 2019	-	Modified/Technically Equivalent
28	IS 625 : 2006 Reviewed In : 2021 ISO 6699:1990	Bicycle - Handle bars - Specification (Third Revision)	March, 2021	-	Modified/Technically Equivalent
29	IS 626 : 2009 Reviewed In : 2019	Bicycle - Seat pillars - Specification (Third Revision)	May, 2019	-	Indigenous
30	IS 628 : 1993 Reviewed In : 2019	Bicycles - pedal assembly - specification (Second Revision)	January, 2019	1	Indigenous
31	IS 629 : 2013 Reviewed In : 2023	Bicycle - Hub assembly - Specification (Third Revision)	July, 2023	-	Indigenous
32	IS 630 : 2005 Reviewed In : 2021 ISO 6701:1991	Bicycle spokes (Plain) and nipples for spokes - Specification (Third Revision)	March, 2021	1	Modified/Technically Equivalent
33	IS/ISO 6742-2 : 2015 Reviewed In : 2023 ISO 6742-2:2015	Cycles - Lighting and retro - Reflective devices: Part 2 retro - Reflective devices (First Revision)	July, 2023	-	Identical under single numbering
34	IS 9225 : 2018	Bicycle - Bicycle air pumps -	July, 2023	-	Indigenous

	Reviewed In : 2023	Specification (First Revision)			
35	IS 960 : 2005 Reviewed In : 2021	Bicycle rim tapes and buckles - Specification (Second Revision)	March, 2021	1	Indigenous

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Preliminary Draft Standards

SI. No.	Doc No.	Title
1	TED 16 (26071) Revision of: IS 1281:2014	BICYCLES CRANKS AND CHAIN WHEELS- SPECIFICATION
2	TED 16 (26075) Revision of: IS 2415:2015	CYCLE RUBBER TUBES SPECIFICATION
3	TED 16 (26096) Revision of: IS 629:2013	BICYCLES - HUB ASSEMBLY - SPECIFICATION
4	TED 16 (26100) Revision of: IS 2414:2005	CYCLE AND RICKSHAW PNEUMATIC TYRES SPECIFICATION
5	TED 16 (26102)	BICYCLES HANDLE BAR SPECIFICATION
6	TED 16 (26280)	BICYCLES BRAKES SPECIFICATION
7	TED 16 (26282)	CYCLE CHAINS SPECIFICATION

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	TED 16 (23300)	Bicycle Front Forks Specification
2	TED 16 (23301)	Bicycle Mudguard Specification
3	TED 16 (23339)	CYCLES ELECTRICALLY POWER ASSISTED CYCLES EPAC PART 1 PEDAL-ASSISTED BICYCLES
4	TED 16 (24368)	Bicycle Bicycle Rims Specification

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
1	TED 16 (23299) Revision of: IS 623:2008	BICYCLES BICYCLE FRAMES SPECIFICATION
2	TED 16 (24068) Revision of: IS/ISO 6742:2015	Cycles Lighting and Retro-Reflective Devices Part 2 Retro-Reflective Devices

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	TED 16 (24369) Revision of: IS 628:1993	BICYCLE PEDAL ASSEMBLY SPECIFICATION

Total Published Standards:31 Total Standards Under development:14

Aspect Wise Report

Product : 29
 Code of Practices : 2
 Methods of Test : 0
 Terminology : 1
 Dimensions : 0
 System Standard : 0
 Safety Standard : 0
 Others : 0
 Service Specification : 0
 Process Specification : 0
 Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

Sl. No.	IS No. & Year	Title
1	IS 10616 : 1983 ISO 4210	Methods of tests for bicycles and sub-assemblies
2	IS 1133 : 1985	Bicycle Bottom Bracket Fixed Ball Cup PH Type
3	IS 11685 : 1986	Bicycle Bottom Bracket Axle R Type
4	IS 11734 : 1986	Bicycle Bottom Bracket Adjustable Ball Cup R Type
5	IS 11735 : 1986	Bicycle Bottom Bracket Fixed Ball Cup R Type
6	IS 11736 : 1986	Bicycle Bottom Bracket Lock Ring R-Type
7	IS 12205 : 1988 Reviewed In : 2008	Bicycle Hub Assembly - PH Type
8	IS 2415 : 2004 Reviewed In : 2010 ISO 20611	Cycles - Rubber Tubes
9	IS 2728 : 1964	Memorandum on Screw Threads for Bicycle Components
10	IS 3404 : 1979 Reviewed In : 2006	Ladies Bicycle Frames
11	IS 3798 : 1966	Glossary of terms used in the bicycle industry
12	IS 4916 : 1968 Reviewed In : 2002	Methods of test for bicycle saddles
13	IS 5079 : 1969	Rubber Valve-tubing for Cycle Tube Valves
14	IS 627 : 1961	Bicycle Chains revised
15	IS 7699 : 1975 Reviewed In : 2006	Reflex Reflectors for Cycles

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 10613 : 2023	CYCLES SAFETY AND PERFORMANCE REQUIREMENTS FOR BICYCLES
2	IS 1131 : 2006 Reviewed In : 2021	Bicycle bottom bracket specification Third Revision
3	IS 1132 : 2009	Bicycle - Bottom bracket ball cups - Specification Third Revision

	Reviewed In : 2023	
4	IS 1134 : 2004 Reviewed In : 2021	Bicycles bottom bracket lock ring - Specification Third Revision
5	IS 12474 : 1988 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Bicycle Steering Head Assembly r Type
6	IS 1281 : 2014 Reviewed In : 2023	Bicycles - Cranks and chain wheels - Specification Third Revision
7	IS 1282 : 2018 Reviewed In : 2023	Bicycle - Bicycle cotter pins washers and nuts - Specification Second Revision
8	IS 1283 : 1995 Reviewed In : 2021	Bicycles - Free - Wheels - Specification Second Revision
9	IS 14221 (Part 1) : 2015 Reviewed In : 2020	Retro-Reflective Tapes - Specification Part 1 Bicycles First Revision
10	IS 14363 : 2018 ISO 11243 : 2016 Reviewed In : 2023 ISO 11243:2016	Cycles - Luggage carriers for bicycles - Requirements and test methods Second Revision
11	IS 15184 : 2002 Reviewed In : 2021	Bicycles - Steel balls - Specification
12	IS 15533 : 2024 ISO 8098:2023	Cycles Safety Requirements for Bicycles for Young Children Second Revision
13	IS 16314 : 2015 Reviewed In : 2020	Cycle - Bicycle for general purpose - Specification
14	IS 2061 : 1995 Reviewed In : 2021	Bicycle - Front forks - Specification First Revision
15	IS 2414 : 2005 ISO 5775-1 Reviewed In : 2021 ISO 5775-1:1997	Cycle and rickshaw pneumatic tyres - Specification Fourth Revision
16	IS 2973 : 2017 Reviewed In : 2022	Bicycle Steering Head Assembly - Specification
17	IS 532 : 2006 Reviewed In : 2021	Bicycle tube valves and valve - Tubing - Specification Third Revision
18	IS 6218 : 2008 Reviewed In : 2023	Bicycle - Mudguards - Specification First Revision
19	IS B6218 : 2008 Reviewed In : 2023	Bicycle - Mudguards Bi-lingual
20	IS 623 : 2008 Reviewed In : 2023	Bicycle - Bicycle frames - Specification Third Revision
21	IS 624 : 2003 ISO 5775-2 Reviewed In : 2019 ISO 5775-2:1988	Bicycles - Rims - Specification Fourth Revision
22	IS 625 : 2006 Reviewed In : 2021 ISO 6699:1990	Bicycle - Handle bars - Specification Third Revision
23	IS 626 : 2009 Reviewed In : 2019	Bicycle - Seat pillars - Specification Third Revision
24	IS 628 : 1993 Reviewed In : 2019	Bicycles - pedal assembly - specification Second Revision
25	IS 629 : 2013 Reviewed In : 2023	Bicycle - Hub assembly - Specification Third Revision
26	IS 630 : 2005 Reviewed In : 2021 ISO	Bicycle spokes Plain and nipples for spokes - Specification Third Revision

	6701:1991	
27	IS/ISO 6742-2 : 2015 Reviewed In : 2023 ISO 6742-2:2015	Cycles - Lighting and retro - Reflective devices Part 2 retro - Reflective devices First Revision
28	IS 9225 : 2018 Reviewed In : 2023	Bicycle - Bicycle air pumps - Specification First Revision
29	IS 960 : 2005 Reviewed In : 2021	Bicycle rim tapes and buckles - Specification Second Revision