

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 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	Cycles - Safety requirements for bicycles (Second Revision)	September, 2019	-	Indigenous
3	IS 1131:2006	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	Bicycles bottom bracket lock ring - Specification (Third Revision)	March, 2021	1	Indigenous
6	IS 12426:1988 <i>Reviewed In : 2024</i>	Code of practice - For wrapping and packing of bicycle components and spare parts	January, 2024	-	Indigenous
7	IS 12474:1988 Decision taken to Reaffirm and Archive	Bicycle Steering Head Assembly (r Type)	January, 2024	1	Indigenous
8	IS 1281:2025	BICYCLES - CRANKS AND CHAIN WHEELS- SPECIFICATION (fourth revision)		-	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	Bicycles - Free - Wheels - Specification (Second Revision)	March, 2021	1	Indigenous
11	IS 14221 (Part 1):2015	Retro-Reflective Tapes - Specification Part 1 Bicycles (First	August, 2020	-	Indigenous

		Revision)			
12	IS 14363:2018 ISO 11243 : 2016 Reviewed In : 2023 ISO 11243:2016	Cycles - Luggage carriers for bicycles - Requirements and test methods (Second Revision)	July, 2023	-	Identical under dual numbering
13	IS 15184:2002	Bicycles - Steel balls - Specification	March, 2021	-	Indigenous
14	IS 15533:2024 ISO 8098:2023 ISO 8098:2023	Cycles â€™ Safety Requirements for Bicycles for Young Children (Second Revision)		-	Identical under dual numbering
15	IS 16305:2017 Reviewed In : 2022 ISO 8090:1990	Cycle - Glossary of terms used in the bicycle industry	March, 2022	-	Modified/Technically Equivalent
16	IS 16314:2015	Cycle - Bicycle for general purpose - Specification	December, 2020	-	Indigenous
17	IS 19034:2024	BMX Bicycles i ₂ Safety Requirements and Methods of Test		-	Indigenous
18	IS 19307:2025	BICYCLES BRAKES SPECIFICATION		-	Indigenous
19	IS 2061:2025	Bicycle - Front Forks - Specification (SECOND REVISION)		-	Indigenous
20	IS 2414:2005 ISO 5775-1 ISO 5775-1:1997	Cycle and rickshaw pneumatic tyres - Specification (Fourth Revision)	March, 2021	-	Modified/Technically Equivalent
21	IS 2415:2025	Cycle - Rubber Tubes (Moulded/ Jointed) - Specification (Fifth Revision)		-	Indigenous
22	IS 2415:2015	Cycle - Rubber tubes (Moulded/ Jointed) - Specification (Fourth Revision)	March, 2021	-	Indigenous
23	IS 2973:2017 Reviewed In : 2022	Bicycle Steering Head Assembly - Specification	March, 2022	-	Indigenous
24	IS 532:2006	Bicycle tube valves and valve - Tubing - Specification (Third Revision)	March, 2021	-	Indigenous
25	IS 6218:2025	Bicycle - Mudguard - Specification (second revision)		-	Indigenous
26	IS B6218:2008 Reviewed In : 2023	Bicycle - Mudguards (Bi-lingual)	November, 2023	-	
27	IS 623:2025	BICYCLES - BICYCLE FRAMES - SPECIFICATION (first Revision)		-	Indigenous
28	IS 624:2025	Bicycle - Bicycle Rims - Specification (fourth revision)		-	Indigenous
29	IS 625:2025 ISO 6699:1990	BICYCLES HANDLE BAR - SPECIFICATION (Fourth Revision)		-	Modified/Technically Equivalent
30	IS 626:2009 Reviewed In : 2024	Bicycle - Seat pillars - Specification (Third Revision)	January, 2024	-	Indigenous
31	IS 628:2025	BICYCLES i ₂ PEDAL ASSEMBLY i ₂ SPECIFICATION		-	Indigenous
32	IS 629:2025	Bicycles — Hub Assembly — Specification (Fourth Revision)		-	Indigenous
33	IS 630:2005 ISO 6701:1991	Bicycle spokes (Plain) and nipples for spokes - Specification (Third	March, 2021	1	Modified/Technically Equivalent

		Revision)			
34	IS/ISO 6742-2:2023 ISO 6742-2 : 2023 ISO 6742-2 : 2023	Cycles - Lighting and Retro-Reflective Devices Part 2 Retro-Reflective Devices		-	Identical under single numbering
35	IS 9225:2018 Reviewed In : 2023	Bicycle - Bicycle air pumps - Specification (First Revision)	July, 2023	-	Indigenous
36	IS 960:2005	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
<i>No Records Found</i>		

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
1	TED 16 (27672)	Bicycles Vertical Fatigue Testing of Suspension Fork Method of test
2	TED 16 (27683)	Bicycles - Bottom Bracket Cartridge - Specification

Draft Standards Completed WC Stage

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

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
1	TED 16 (23339)	CYCLES ELECTRICALLY POWER ASSISTED CYCLES EPAC PART 1 PEDAL-ASSISTED BICYCLES
2	TED 16 (32904)	Cycles Safety Requirements for Bicycles for Young Children Second Revision

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	TED 16 (00791)	Cycle - Glossary of terms used in the bicycle industry
2	TED 16 (00798) Revision of: IS 2973:2017	Bicycles - Steering Head Assembly - Specification
3	TED 16 (00922) Revision of: IS 1282:2018	BICYCLE - BICYCLE COTTER PINS WASHERS AND NUTS - SPECIFICATION
4	TED 16 (10757)	Cycles - Lighting and retro-reflective devices - Photometric and physical requirements Part 2 Retro-reflective devices Amendment - 1
5	TED 16 (10762)	Bicycles - Free-wheels Amendment - 1
6	TED 16 (11345) Revision of: IS 15533:2018	Cycles - Safety requirements for bicycles for young children
7	TED 16 (11346) Revision of: IS 14363:2018	Cycles - Luggage carriers for bicycles - Requirements and test methods
8	TED 16 (11349) Revision of: IS/ISO 6742:2015	Cycles - Lighting and retro-reflective devices - Part 2 Retro-reflective devices

9	TED 16 (11457)	Bicycle - Bottom Bracket Adjustable Ball Cup PH Type Amalgamating IS 1133 1985 IS 11734 IS 11735 1986 Amendment - 2
10	TED 16 (11459)	Bicycle - Front forks Amendment - 2
11	TED 16 (11464)	Bicycle Bottom Bracket Axle Amalgamating IS 11685 Amendment - 1
12	TED 16 (11488)	Bicycle - Bicycle frames - Specification Draft Amendment - 1
13	TED 16 (17585)	Cycles - Safety requirements for bicycles for young children First Revision Amendment - 1
14	TED 16 (17674) Revision of: IS 10613:2014	CYCLES SAFETY AND PERFORMANCE REQUIREMENTS FOR BICYCLES
15	TED 16 (18837)	BMX Bicycles Safety Requirements and Methods of Test
16	TED 16 (22375)	Bicycle - Bicycle frames - Specification Third Revision Amendment - 2
17	TED 16 (22378)	Bicycle - Front forks - Specification First Revision Amendment - 3
18	TED 16 (23113) Revision of: IS 15533:2018	CYCLES - SAFETY REQUIREMENTS FOR BICYCLES FOR YOUNG CHILDREN
19	TED 16 (23299) Revision of: IS 623:2008	BICYCLES - BICYCLE FRAMES - SPECIFICATION
20	TED 16 (23300) Revision of: IS 2061:1995	Bicycle Front Forks Specification
21	TED 16 (23301) Revision of: IS 6218:2008	Bicycle Mudguard Specification
22	TED 16 (24068) Revision of: IS/ISO 6742:2015	Cycles Lighting and Retro-Reflective Devices Part 2 Retro-Reflective Devices
23	TED 16 (24368) Revision of: IS 624:2003	Bicycle Bicycle Rims Specification
24	TED 16 (24369) Revision of: IS 628:1993	BICYCLES PEDAL ASSEMBLY SPECIFICATION
25	TED 16 (26071) Revision of: IS 1281:2014	BICYCLES - CRANKS AND CHAIN WHEELS- SPECIFICATION
26	TED 16 (26075) Revision of: IS 2415:2015	Cycle Rubber Tubes Moulded Jointed Specification Fifth Revision
27	TED 16 (26096) Revision of: IS 629:2013	Bicycles Hub Assembly Specification Fourth Revision
28	TED 16 (26102) Revision of: IS 625:2006	BICYCLES HANDLE BAR - SPECIFICATION Fourth Revision
29	TED 16 (26280)	BICYCLES BRAKES SPECIFICATION
30	TED 16 (32889)	Cycle - Rubber Tubes Moulded Jointed - Specification Fifth Revision
31	TED 16 (32899)	Bicycle - Mudguard - Specification Second Revision
32	TED 16 (32900)	BICYCLES PEDAL ASSEMBLY SPECIFICATION Third Revision
33	TED 16 (32901)	BICYCLES BRAKES SPECIFICATION
34	TED 16 (32902)	BICYCLES - BICYCLE FRAMES - SPECIFICATION
35	TED 16 (32903)	BICYCLES - CRANKS AND CHAIN WHEELS- SPECIFICATION Fourth Revision
36	TED 16 (33710)	Bicycles Hub Assembly Specification Fourth Revision
37	TED 16 (33718)	Bicycle - Bicycle Rims - Specification Fourth Revision
38	TED 16 (33777)	Cycle and Rickshaw Pneumatic Tyres - Specification Fifth Revision

Total Published Standards:32 Total Standards Under development:42

Aspect Wise Report

Product : 31
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

SI. 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 2728:1964	Memorandum on Screw Threads for Bicycle Components
9	IS 3404:1979 Reviewed In : 2006	Ladies Bicycle Frames
10	IS 3798:1966	Glossary of terms used in the bicycle industry
11	IS 4916:1968 Reviewed In : 2002	Methods of test for bicycle saddles
12	IS 5079:1969	Rubber Valve-tubing for Cycle Tube Valves
13	IS 627:1961	Bicycle Chains revised
14	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 IEC 60086-3: 2021	CYCLES SAFETY AND PERFORMANCE REQUIREMENTS FOR BICYCLES
2	IS 1131:2006	Bicycle bottom bracket specification Third Revision
3	IS 1132:2009 Reviewed In : 2023	Bicycle - Bottom bracket ball cups - Specification Third Revision
4	IS 1134:2004	Bicycles bottom bracket lock ring - Specification Third Revision
5	IS 12474:1988 Decision taken to Reaffirm and Archive	Bicycle Steering Head Assembly r Type
6	IS 1281:2025	BICYCLES - CRANKS AND CHAIN WHEELS- SPECIFICATION fourth revision
7	IS 1282:2018 Reviewed In : 2023	Bicycle - Bicycle cotter pins washers and nuts - Specification Second Revision
8	IS 1283:1995	Bicycles - Free - Wheels - Specification Second Revision
9	IS 14221 (Part 1):2015	Retro-Reflective Tapes - Specification Part 1 Bicycles First Revision
10	IS 14363:2018	Cycles - Luggage carriers for bicycles - Requirements and test methods Second Revision

	ISO 11243 : 2016 Reviewed In : 2023 ISO 11243:2016	
11	IS 15184:2002	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	Cycle - Bicycle for general purpose - Specification
14	IS 19307:2025	BICYCLES BRAKES SPECIFICATION
15	IS 2061:2025	Bicycle - Front Forks - Specification SECOND REVISION
16	IS 2414:2005 ISO 5775-1 ISO 5775-1:1997	Cycle and rickshaw pneumatic tyres - Specification Fourth Revision
17	IS 2415:2025	Cycle - Rubber Tubes Moulded Jointed - Specification Fifth Revision
18	IS 2973:2017 Reviewed In : 2022	Bicycle Steering Head Assembly - Specification
19	IS 532:2006	Bicycle tube valves and valve - Tubing - Specification Third Revision
20	IS 6218:2025	Bicycle - Mudguard - Specification second revision
21	IS B6218:2008 Reviewed In : 2023	Bicycle - Mudguards Bi-lingual
22	IS 623:2025	BICYCLES - BICYCLE FRAMES - SPECIFICATION first Revision
23	IS 624:2025	Bicycle - Bicycle Rims - Specification fourth revision
24	IS 625:2025	BICYCLES HANDLE BAR - SPECIFICATION Fourth Revision
25	IS 626:2009 Reviewed In : 2024	Bicycle - Seat pillars - Specification Third Revision
26	IS 628:2025	BICYCLES PEDAL ASSEMBLY SPECIFICATION
27	IS 629:2025	Bicycles Hub Assembly Specification Fourth Revision
28	IS 630:2005 ISO 6701:1991	Bicycle spokes Plain and nipples for spokes - Specification Third Revision
29	IS/ISO 6742-2:2023 ISO 6742-2 : 2023	Cycles - Lighting and Retro-Reflective Devices Part 2 Retro-Reflective Devices
30	IS 9225:2018 Reviewed In : 2023	Bicycle - Bicycle air pumps - Specification First Revision
31	IS 960:2005	Bicycle rim tapes and buckles - Specification Second Revision