# **BUREAU OF INDIAN STANDARDS**

# Program of Work

# **PGD 27: Mountaineering and Adventure Sports**

Scope: Standardization in the field of mountaineering, skiing, adventure sports and recreational

equipment

Liaison: ISO TC-83 SC-4 (O): Snowsports equipment

# **Published Standards**

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10023 : 1981	Specification for ascenders for	December, 2016	-	Indigenous
1	Reviewed In: 2016	mountaineering	2010		margenous
2	IS 11042 (Part 1):	ALPINE SKIS SKI BINDING		_	Indigenous
-	2022	SCREWS PART 1			margeness:
	-	REQUIREMENTS			
3	IS 11042 (Part 2):	ALPINE SKIS SKI BINDING		-	Identical under dual
	2021	SCREWS Part 2 : TEST			numbering
	ISO 6005:2019	METHODSFirst Revision			
	ISO 6005:2019				
4	IS 11073 : 1984	Specification for expansion bolts	December, 2016	-	Indigenous
	Reviewed In: 2016	for mountaineering			
5	IS 11138 : 1984	Specification for snow dead - Boy	December, 2016	-	Indigenous
		and dead - Man for mountaineering			
6	IS 11144 : 2018	Alpine skis Determination of	-	-	Not Equivalent
		deformation load and breaking load			
	ISO 4464-1:1989	(First Revision)			
	ISO 4464-2:1995				
	ISO 4464-4:1995				
7	IS 11207 : 1983	Specification - For helmets for	December, 2016	-	Indigenous
	Reviewed In: 2016	mountaineers			
8	IS 11616 : 1986	Specification for avalanche rods	December, 2016	-	Indigenous
	Reviewed In: 2016	for mountaineering			
9	IS 11854 : 1986	Specification for crampons	December, 2016	1	Indigenous
	Reviewed In: 2016	mountaineering non - Adjustable			
10	IS 12259 : 2024	Ski-poles for Alpine and Touring		-	Identical under dual
	ISO 7331	Skiing â€" Requirements and			numbering
11	ISO 7331	Methods of Test (Third Revision)			Td.,,41., 1., 1., 1.
11	IS 12259 : 2018	Ski-Poles for Alpine Skiing -	-	-	Identical under dual
	ISO 7331 : 2011	Requirements and Test Methods			numbering
12	ISO 7331 IS/ISO 14790 : 2005	(Second Revision) Snowboard plate - Bindings -	February, 2019	_	Identical under single
12	Reviewed In : 2019	Requirements and test methods	February, 2019	-	
	ISO 14790 : 2005	Requirements and test methods			numbering
13	IS 14926 : 2021	ALPINE SKIS GUIDELINES		_	Identical under dual
	ISO 8783:2015	FOR CONDUCTING SLOPE			numbering
	ISO 8783:2015	PERFORMANCE TESTS First			numbering
	150 0705.2015	Revision			
14	IS 15841 : 2009	Snowboard - Boots - Interface with		_	Identical under dual
'	10 150-11 , 2009	5110 W DOUG - IIIICITACC WITH		1	racinical ander dual

ı	ISO 11634	ski-binding		1	numbering
	Reviewed In: 2017	ski-binding			numbering
	ISO 11634 : 1996				
15	IS 15842 : 2009	Chamband strap hindings for soft			Identical under dual
13	Reviewed In : 2017	Snowboard strap bindings for soft		-	
		boots - Requirements and test			numbering
1.6	ISO 14573 : 2002	methods			T1 ( 1 1 1 1 1
16	IS 15843 (Part 1):	snowboards - Binding mounting		-	Identical under dual
	2009	area: Part 1 requirements and test			numbering
	ISO 11634	method for snowboards without			
	Reviewed In: 2017	inserts			
	ISO 10958-1 : 1998				
17	IS 15843 (Part 2):	SNOWBOARDS BINDING		=	Indigenous
	2023	MOUNTING AREA PART 2:			
		REQUIREMENTS AND TEST			
		METHODS FOR SNOWBOARDS			
		WITH INSERTS First revision			
18	IS 16760 : 2018	Telemark Ski-Boots for Adults -		-	Identical under dual
		Interface with Telemark Ski-			numbering
	ISO 22264:2006	Bindings - Requirements and Test			
		Methods			
19	IS 16762 : 2018	Skis - Vocabulary	May, 2023	-	Identical under dual
	ISO 6289 : 2018		<i>y</i> , = = <del>-</del> -		numbering
	Reviewed In: 2023				numo em g
	ISO 6289 : 2018				
20	IS 16764 : 2018	Alpine Ski-Bindings- Selection of		_	Identical under dual
20	ISO 8061 : 2015	Release Torque Values			numbering
	ISO 8061	Release Forque Varues			numbering
21	IS 16764 : 2024	Alpine Ski-Bindings â€" Selection			Identical under dual
21	ISO 8061	of Release Torque Values (First		_	
		•			numbering
22	ISO 8061 IS 16769 : 2024	Revision) Alpine Ski-Bindings â€"			Identical under dual
		Requirements and Methods of Test		_	
	ISO 9462 ISO 9462	(First Revision)			numbering
23	IS 16769 : 2018	Alpine Skis - Bindings -			Identical under dual
23		-		-	
	ISO 9462 : 2014	Requirements and Test Methods			numbering
24	ISO 9462	A1 ' CI ' D' I' I I I			X1 2 1 1 1 1
24	IS 16771 : 2018	Alpine Ski-Bindings- Lateral		-	Identical under dual
	ISO 9465 : 2012	Release Under Impact Loading-			numbering
25	ISO 9465 : 2012	Test Method	Y 1 2022		
25	IS 17005 : 2018	Alpine Skis â€" Determination of	July, 2023	-	Identical under dual
	ISO 6266 : 2013	Fatigue Indexes â€" Cyclic			numbering
	Reviewed In: 2023	Loading Test			
<u> </u>	ISO 6266 : 2013				
26	IS 6590 : 2023	ROPES FOR		-	Indigenous
		MOUNTAINEERING �			
		SPECIFICATIONS			
27	IS 8505 : 1992	Mountaineering - Glossary of	December, 2016	-	Indigenous
	Reviewed In: 2016	terms (First Revision)			
28	IS 8533 : 1977	General Purpose Carabiners for	December, 2016	1	Indigenous
	Reviewed In: 2016	Mountaineering			
29	IS 8648 : 1987	Specification for ice axe for	December, 2016	-	Indigenous
	Reviewed In: 2016	mountaineering (First Revision)			
30	IS 8905 : 1987	Specification for rock pitons for	December, 2016	-	Indigenous
	Reviewed In: 2016	mountaineering (First Revision)			
31	IS 8906 : 1987	Specification for ice axe - Cum -	December, 2016	-	Indigenous
	Reviewed In: 2016	Hammer for mountaineering (First			
		Revision)			
32	IS 8907 : 1987	Specification for ice pitons for	December, 2016	-	Indigenous
	Reviewed In: 2016	mountaineering (First Revision)	,		<i>y</i>
		<u> </u>		1	1

33	IS 8908 : 1978	Specification for snow stakes for	December, 2016	1	Indigenous
	Reviewed In: 2016	-			
34	IS 9090 : 1979	Specification for tent poles for	December, 2016	1	Indigenous
	Reviewed In: 2016	mountaineering			Ū
35	IS 9092 : 1979	Specification for tent pins for	December, 2016	-	Indigenous
	Reviewed In: 2016	mountaineering			_
36	IS 9248 : 1979	Specification for piton hammers	December, 2016	-	Indigenous
	Reviewed In: 2016	for mountaineering			_
37	IS 9315 : 1979	Dimensions for boot/binding	December, 2016	-	Identical under dual
	Reviewed In: 2016	interface (Greater Than Size 36)			numbering
	Reaffirmed but not	for alpine skis			
	taken up for revision				
	ISO 5355				
38	IS 9315 : 2024	Alpine Ski-Boots â€"		-	Identical under dual
	ISO 5355	Requirements and Methods of Test			numbering
	ISO 5355	(First Revision)			
39	IS 9317 : 2022	SKIS VOCABULARY		-	Indigenous
40	IS 9331 : 2021	ALPINE SKIS		-	Identical under dual
	ISO 5902:2013	DETERMINATION OF ELASTIC			numbering
	ISO 5902:2013	PROPERTIES First Revision			
41	IS 9397 : 2001	Alpine skis and bindings - Binding	December, 2016	-	Identical under dual
	IS 8364	mounting area - Requirements and			numbering
	Reviewed In: 2016	test methods (First Revision)			
	ISO 8364				
42	IS 9397 : 2024	Alpine-Skis and Bindings â€"		-	Identical under dual
	ISO 8364	Binding Mounting Area â€"			numbering
	ISO 8364	Requirements and Methods of Test			
		(Second Revision)			
43	IS 9802 : 1987	Specification for adjustable	December, 2016	-	Indigenous
	Reviewed In: 2016	crampons for mountaineering			
		(First Revision)			
44	IS 9847 : 1987	Specification for ice hammers for	December, 2016	-	Indigenous
	Reviewed In: 2016	mountaineering (First Revision)			

# **Standards under Development**

	Projects Approved				
SI. No.	SI. No. Doc No. Title				
	No Records Found				

	Preliminary Draft Standards				
SI. No.	SI. No. Doc No. Title				
1	PGD 27 (25996) Revision	General Purpose Carabiners for Mountaineering Specification			
	of: IS 8533:1977				
2	PGD 27 (25997) Revision	Mountaineering Helmets Specification			
	of: IS 11207:1983				
3	PGD 27 (26036) Revision	Adjustable Crampons For Mountaineering Specification First Revision			
	of: IS 9802:1987				
4	PGD 27 (26037)	Mountaineering Harness Specification			
5	PGD 27 (26039) Revision	Crampons Mountaineering Non-Adjustable Specification First Revision			
	of: IS 11854:1986				

	Drafts Standards in WC Stage			
SI. No.	Doc No.	Title		

# No Records Found

### **Draft Standards Completed WC Stage**

SI. No.	Doc No.	Title

**Finalized Draft Indian Standard** 

No Records Found

SI. No.	Doc No.	Title

No Records Found

### Finalized Draft Indian Standards under Print

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No Records Found

### Total Published Standards:39 Total Standards Under development:5

### **Aspect Wise Report**

Product: 24 Code of Practices: 0 Methods of Test: 10 Terminology: 3 Dimensions: 0 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 10220 : 1982	Specification for Descenders type letter E for Mountaineering
	Reviewed In: 2016	
	Reaffirmed but not taken up	
	for revision	
2	IS 11072 : 1984	Specification for ice daggers for mountaineering
	Reviewed In: 2016	
	Reaffirmed but not taken up	
	for revision	
3	IS 11074 : 1984	Specification for rope ladders for mountaineering
	Reviewed In: 2016	
	Reaffirmed but not taken up	
	for revision	
4	IS 9091 : 1979	Specification for descenders for mountaineering
	Reviewed In: 2016	
	Reaffirmed but not taken up	
	for revision	
5	IS 9969 : 1981	Alpine Ski Terminology
	Reviewed In: 1996	

### **Annexure-II : List of Indian Product Standards**

SI. No.	IS No. & Year	Title

1	IS 10023 : 1981	Specification for ascenders for mountaineering
	Reviewed In: 2016	
2	IS 11042 (Part 1): 2022	ALPINE SKIS SKI BINDING SCREWS PART 1 REQUIREMENTS
	ISO 8000-66 : 2021	
3	IS 11073 : 1984	Specification for expansion bolts for mountaineering
<u> </u>	Reviewed In: 2016	
4	IS 11138 : 1984	Specification for snow dead - Boy and dead - Man for mountaineering
	Reviewed In: 2016	
5	IS 11207 : 1983	Specification - For helmets for mountaineers
	Reviewed In: 2016	
6	IS 11616 : 1986	Specification for avalanche rods for mountaineering
	Reviewed In: 2016	
7	IS 11854 : 1986	Specification for crampons mountaineering non - Adjustable
	Reviewed In: 2016	
8	IS 12259 : 2024	Ski-poles for Alpine and Touring Skiing Requirements and Methods of Test Third Revision
	ISO 7331	
9	IS 15841 : 2009	Snowboard - Boots - Interface with ski-binding
	ISO 11634	
	Reviewed In: 2017 ISO	
	11634 : 1996	
10	IS 15843 (Part 2): 2023	SNOWBOARDS BINDING MOUNTING AREA PART 2 REQUIREMENTS AND TEST
		METHODS FOR SNOWBOARDS WITH INSERTS First revision
11	IS 16764 : 2024	Alpine Ski-Bindings Selection of Release Torque Values First Revision
	ISO 8061	
12	IS 6590 : 2023	ROPES FOR MOUNTAINEERING SPECIFICATIONS
12	10.0640, 1007	
13	IS 8648 : 1987	Specification for ice axe for mountaineering First Revision
1.4	Reviewed In: 2016	
14	IS 8905 : 1987	Specification for rock pitons for mountaineering First Revision
1.5	Reviewed In : 2016	Consideration for in the Constitution of the C
15	IS 8906 : 1987	Specification for ice axe - Cum - Hammer for mountaineering First Revision
16	Reviewed In : 2016	Considiration for its witness for manufacture view Plant Decision
16	IS 8907 : 1987	Specification for ice pitons for mountaineering First Revision
17	Reviewed In : 2016 IS 8908 : 1978	Considiration for an autology for magnetains aring
1/		Specification for snow stakes for mountaineering
18	Reviewed In : 2016 IS 9090 : 1979	Charification for tent notes for magnetain and
18		Specification for tent poles for mountaineering
10	Reviewed In : 2016 IS 9092 : 1979	Specification for tent mine for mountain acritica
19		Specification for tent pins for mountaineering
20	Reviewed In: 2016	Specification for piton hamman for mountainearing
20	IS 9248: 1979	Specification for piton hammers for mountaineering
21	Reviewed In : 2016	Alpina Cki Poots Paguinaments and Mathada of Test Pinet Pagisian
21	IS 9315 : 2024	Alpine Ski-Boots Requirements and Methods of Test First Revision
	ISO 5355	
22	IS 9397 : 2024	Alnina Skie and Rindings Rinding Mounting Area Dequirements and Mathods of Test Second
22	ISO 8364	Alpine-Skis and Bindings Binding Mounting Area Requirements and Methods of Test Second Revision
	150 8304	Kevisioli
23	IS 9802 : 1987	Specification for adjustable crampons for mountaineering First Revision
23	Reviewed In : 2016	Specification for adjustable crampons for mountaineering first kevision
24	IS 9847 : 1987	Specification for ice hammers for mountaineering First Revision
24		Specification for ice naminers for mountaineering first kevision
	Reviewed In: 2016	