

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 (P): Snowsports equipment** **ISO TC-83 SC-5 (P): Ice hockey equipment and facilities**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10023:1981 <i>Reviewed In : 2021</i>	Specification for ascenders for mountaineering	December, 2021	-	Indigenous
2	IS 11042 (Part 1):2022	ALPINE SKIS SKI BINDING SCREWS PART 1 REQUIREMENTS		-	Indigenous
3	IS 11042 (Part 2):2021 ISO 6005:2019 <i>Reviewed In : 2025</i> <i>ISO 6005:2019</i>	ALPINE SKIS SKI BINDING SCREWS Part 2 : TEST METHODSFirst Revision	September, 2025	-	Identical under dual numbering
4	IS 11073:1984 <i>Reviewed In : 2024</i> Decision taken to Reaffirm and Archive	Specification for expansion bolts for mountaineering	July, 2024	-	Indigenous
5	IS 11138:1984 <i>Reviewed In : 2024</i> Decision taken to Reaffirm and Archive	Specification for snow dead - Boy and dead - Man for mountaineering	July, 2024	-	Indigenous
6	IS 11144:2018 <i>Reviewed In : 2024</i> Decision taken to Reaffirm and Archive <i>ISO 4464-1:1989</i> <i>ISO 4464-2:1995</i> <i>ISO 4464-4:1995</i>	Alpine skis -- Determination of deformation load and breaking load (First Revision)	July, 2024	-	Not Equivalent
7	IS 11207:1983 <i>Reviewed In : 2021</i>	Specification - For helmets for mountaineers	December, 2021	-	Indigenous
8	IS 11616:1986 <i>Reviewed In : 2024</i> Decision taken to Reaffirm and Archive	Specification for avalanche rods for mountaineering	July, 2024	-	Indigenous
9	IS 11854:1986	Specification for crampons	December, 2021	1	Indigenous

	Reviewed In : 2021	mountaineering non - Adjustable			
10	IS 12259:2024 ISO 7331 ISO 7331	Ski-poles for Alpine and Touring Skiing Requirements and Methods of Test (Third Revision)		-	Identical under dual numbering
11	IS/ISO 14790:2005 Reviewed In : 2024 Decision taken to Reaffirm and Archive ISO 14790 : 2005	Snowboard plate - Bindings - Requirements and test methods	July, 2024	-	Identical under single numbering
12	IS 14926:2021 ISO 8783:2015 Reviewed In : 2025 ISO 8783:2015	ALPINE SKIS GUIDELINES FOR CONDUCTING SLOPE PERFORMANCE TESTS First Revision	September, 2025	-	Identical under dual numbering
13	IS 15841:2009 ISO 11634 Reviewed In : 2022 ISO 11634 : 1996	Snowboard - Boots - Interface with ski-binding	December, 2022	-	Identical under dual numbering
14	IS 15842:2009 Reviewed In : 2022 ISO 14573 : 2002	Snowboard strap bindings for soft boots - Requirements and test methods	January, 2022	-	Identical under dual numbering
15	IS 15843 (Part 1):2009 ISO 11634 Reviewed In : 2022 ISO 10958-1 : 1998	snowboards - Binding mounting area: Part 1 requirements and test method for snowboards without inserts	March, 2022	-	Identical under dual numbering
16	IS 15843 (Part 2):2023	SNOWBOARDS BINDING MOUNTING AREA PART 2: REQUIREMENTS AND TEST METHODS FOR SNOWBOARDS WITH INSERTS First revision		-	Indigenous
17	IS 16760:2018 ISO 22264:2006	Telemark Ski-Boots for Adults - Interface with Telemark Ski-Bindings - Requirements and Test Methods		-	Identical under dual numbering
18	IS 16762:2018 ISO 6289 : 2018 Reviewed In : 2023 ISO 6289 : 2018	Skis - Vocabulary	May, 2023	-	Identical under dual numbering
19	IS 16764:2024 ISO 8061 ISO 8061	Alpine Ski-Bindings Selection of Release Torque Values (First Revision)		-	Identical under dual numbering
20	IS 16769:2024 ISO 9462 ISO 9462	Alpine Ski-Bindings Requirements and Methods of Test (First Revision)		-	Identical under dual numbering
21	IS 16771:2018 ISO 9465 : 2012 ISO 9465 : 2012	Alpine Ski-Bindings- Lateral Release Under Impact Loading- Test Method		-	Identical under dual numbering
22	IS 17005:2018 ISO 6266 : 2013 Reviewed In : 2023 ISO 6266 : 2013	Alpine Skis Determination of Fatigue Indexes Cyclic Loading Test	July, 2023	-	Identical under dual numbering
23	IS 6590:2023	ROPES FOR MOUNTAINEERING $i_{\frac{1}{2}}$ SPECIFICATIONS		-	Indigenous
24	IS 8505:1992 Reviewed In : 2021	Mountaineering - Glossary of terms (First Revision)	December, 2021	-	Indigenous
25	IS 8533:1977 Reviewed In : 2021	General Purpose Carabiners for Mountaineering	December, 2021	1	Indigenous

26	IS 8648:1987 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for ice axe for mountaineering (First Revision)	July, 2024	-	Indigenous
27	IS 8905:1987 Reviewed In : 2021	Specification for rock pitons for mountaineering (First Revision)	December, 2021	-	Indigenous
28	IS 8906:1987 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for ice axe - Cum - Hammer for mountaineering (First Revision)	July, 2024	-	Indigenous
29	IS 8907:1987 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for ice pitons for mountaineering (First Revision)	July, 2024	-	Indigenous
30	IS 8908:1978 Reviewed In : 2021	Specification for snow stakes for mountaineering	December, 2021	1	Indigenous
31	IS 9090:1979 Reviewed In : 2021	Specification for tent poles for mountaineering	December, 2021	1	Indigenous
32	IS 9092:1979 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for tent pins for mountaineering	July, 2024	-	Indigenous
33	IS 9248:1979 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for piton hammers for mountaineering	July, 2024	-	Indigenous
34	IS 9315:2024 ISO 5355 ISO 5355	Alpine Ski-Boots â€™ Requirements and Methods of Test (First Revision)		-	Identical under dual numbering
35	IS 9317:2022	SKIS VOCABULARY		-	Indigenous
36	IS 9331:2021 ISO 5902:2013 Reviewed In : 2025 ISO 5902:2013	ALPINE SKIS DETERMINATION OF ELASTIC PROPERTIES First Revision	September, 2025	-	Identical under dual numbering
37	IS 9397:2024 ISO 8364 ISO 8364	Alpine-Skis and Bindings â€™ Binding Mounting Area â€™ Requirements and Methods of Test (Second Revision)		-	Identical under dual numbering
38	IS 9802:1987 Reviewed In : 2021	Specification for adjustable crampons for mountaineering (First Revision)	December, 2021	-	Indigenous
39	IS 9847:1987 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for ice hammers for mountaineering (First Revision)	July, 2024	-	Indigenous

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
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No Records Found

Preliminary Draft Standards

Sl. No.	Doc No.	Title
1	PGD 27 (25996) Revision of: IS 8533:1977	General Purpose Carabiners for Mountaineering Specification
2	PGD 27 (25997) Revision of: IS 11207:1983	Mountaineering Helmets Specification
3	PGD 27 (26036) Revision of: IS 9802:1987	Adjustable Crampons For Mountaineering Specification First Revision
4	PGD 27 (26037)	Mountaineering Harness Specification

Drafts Standards in WC Stage

Sl. No.	Doc No.	Title
No Records Found		

Draft Standards Completed WC Stage

Sl. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standard

Sl. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standards under Print

Sl. No.	Doc No.	Title
No Records Found		

Total Published Standards:39 Total Standards Under development:4

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

Sl. No.	IS No. & Year	Title
1	IS 10220:1982 Reviewed In : 2016 Reaffirmed but not taken up for revision	Specification for Descenders type letter E for Mountaineering
2	IS 11072:1984 Reviewed In : 2016	Specification for ice daggers for mountaineering

	Reaffirmed but not taken up for revision	
3	IS 11074:1984 Reviewed In : 2016 Reaffirmed but not taken up for revision	Specification for rope ladders for mountaineering
4	IS 9091:1979 Reviewed In : 2016 Reaffirmed but not taken up for revision	Specification for descenders for mountaineering
5	IS 9969:1981 Reviewed In : 1996	Alpine Ski Terminology

Annexure-II :List of Indian Product Standards

Sl. No.	IS No. & Year	Title
1	IS 10023:1981 Reviewed In : 2021	Specification for ascenders for mountaineering
2	IS 11042 (Part 1):2022 ISO 8000-66 : 2021	ALPINE SKIS SKI BINDING SCREWS PART 1 REQUIREMENTS
3	IS 11073:1984 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for expansion bolts for mountaineering
4	IS 11138:1984 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for snow dead - Boy and dead - Man for mountaineering
5	IS 11207:1983 Reviewed In : 2021	Specification - For helmets for mountaineers
6	IS 11616:1986 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for avalanche rods for mountaineering
7	IS 11854:1986 Reviewed In : 2021	Specification for crampons mountaineering non - Adjustable
8	IS 12259:2024 ISO 7331	Ski-poles for Alpine and Touring Skiing Requirements and Methods of Test Third Revision
9	IS 15841:2009 ISO 11634 Reviewed In : 2022 ISO 11634 : 1996	Snowboard - Boots - Interface with ski-binding
10	IS 15843 (Part 2):2023 IEC 61810-10: 2019	SNOWBOARDS BINDING MOUNTING AREA PART 2 REQUIREMENTS AND TEST METHODS FOR SNOWBOARDS WITH INSERTS First revision
11	IS 16764:2024 ISO 8061	Alpine Ski-Bindings Selection of Release Torque Values First Revision
12	IS 6590:2023 ISO 10110-17:2004	ROPES FOR MOUNTAINEERING SPECIFICATIONS
13	IS 8648:1987 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for ice axe for mountaineering First Revision
14	IS 8905:1987 Reviewed In : 2021	Specification for rock pitons for mountaineering First Revision
15	IS 8906:1987 Reviewed In : 2024 Decision taken to Reaffirm	Specification for ice axe - Cum - Hammer for mountaineering First Revision

	and Archive	
16	IS 8907:1987 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for ice pitons for mountaineering First Revision
17	IS 8908:1978 Reviewed In : 2021	Specification for snow stakes for mountaineering
18	IS 9090:1979 Reviewed In : 2021	Specification for tent poles for mountaineering
19	IS 9092:1979 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for tent pins for mountaineering
20	IS 9248:1979 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for piton hammers for mountaineering
21	IS 9315:2024 ISO 5355	Alpine Ski-Boots Requirements and Methods of Test First Revision
22	IS 9397:2024 ISO 8364	Alpine-Skis and Bindings Binding Mounting Area Requirements and Methods of Test Second Revision
23	IS 9802:1987 Reviewed In : 2021	Specification for adjustable crampons for mountaineering First Revision
24	IS 9847:1987 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for ice hammers for mountaineering First Revision