



Bureau of Indian Standards
The National Standards Body of India

PRODUCTION AND GENERAL ENGINEERING DEPARTMENT (PGD)

Minutes

Meeting and committee	DATE & DAY	TIME	VENUE
17th Meeting of Mountaineering and Adventure Sports Sectional Committee, PGD 27	7 November 2023 (Tuesday)	2:30 pm	Hybrid Meeting, BIS, HQ, Manak Bhawan, New Delhi

Meeting link:	https://bismanak.webex.com/bismanak/j.php?MTID=m77fba5f09e816eeb0e70933f444e7d2e
Meeting number:	2515 731 2634
Password:	12122023

Present

- CHAIRMAN:** Wg Cdr Amit Chowdhury (retd.), Chairman,
- MEMBER SECRETARY:** Shri Vichitra Vir Singh, Scientist-D/ Jt. Director, BIS New Delhi

Members Present			
Sl No.	Organization	Name	Attendee Email
1	Karam Industries, Noida	Mr. ZA Mohammad	mohd@arresto.in mohd@karam.in 9820761474

2	Kohinoor Ropes Pvt Ltd., Aurangabad	Shri Vinay Chandak	vchandak@kohinoorrope.com 9322221970
3	Thanawala and Company, Mumbai	Shri Hemal M. Thanawala	ukthanawala@gmail.com 9322090318
4	IN PERSONAL CAPACITY	Brig. Ashok Abbey (retd.)	ashokabbey@gmail.com 9818807373
5	IN PERSONAL CAPACITY	Brig K. Kumar (retd.)	kkhilander@gmail.com
6	High Altitude warfare School	Major Rishabh Nashine	rishabh95nashine@gmail.com
7	The Synthetic and Art Silk Mills Research Association, Mumbai	Shri Ashwini Sudam	testing@sasmira.org
8	India Innovatix, Gandhinagar	Shri Avneet Antoorkar	avneet@indianinvatix.com
9	ATAL BIHARI VAJPAYEE INSTITUTE OF MOUNTAINEERING AND ALLIED SPORTS, Manali	Ms Sonali Sharma	dmas_manali@yahoo.com
10	The Synthetic and Art Silk Mills Research Association, Mumbai	Manisha Mathur	mmti@sasmira.org
11	Motilal Dulichand Private Limited, Kanpur	Shri S. Mishra	lab@mldcgroup.com

Item 0 GENERAL

0.1 WELCOME ADDRESS BY MEMBER SECRETARY

Shri Vichitra Vir Singh, Scientist-D & Member Secretary welcomed all the members of the Committee and invitees who devoted their time to the meeting. He briefed all the members about the main agenda points for the meeting. He also informed about the recent decisions of the Bureau regarding small R&D projects and terms of reference (TOR) for carrying out small R&D for review/ revision of the Standards. He also requested the members to login into the BIS portal and get themselves acquainted with the BIS portal because in the coming days all the communication will be through the portal. He further emphasized that we should also be proactive in finding the right stakeholders to deliberate in formulation of the standards.

He also impressed upon members to be proactive in the committee work so that

new subjects for standards formulation can be taken up. He thanked all the members for sparing their valuable time and presence in the meeting. He wished the members for a deliberative and fruitful meeting.

0.2 OPENING REMARKS BY CHAIRMAN

Wg Cdr Amit Chowdhury (retd.), Chairman welcomed all the members in the 17th meeting of PGD 27. He thanked all the members for their continuous efforts and involvement citing that this is a voluntary committee work and the work of standard formulation takes a lot of time and effort. He appraised the committee about the progress that has been made by the committee. He appreciated the latest steps taken by BIS to reform the work of standard formulation. He praises the efforts of M/S Karam Industries particularly to Mr. ZA Mohammad for hosting the panel meeting and Industry visit at Lucknow for the members of this Committee. He thanked all the members for sparing their valuable time and efforts. He wished the members for a deliberative and fruitful meeting.

ITEM 1 CONFIRMATION OF MINUTES OF LAST MEETING

1.1 The committee formally confirmed the minutes of the 16th meeting of Mountaineering and Adventure Sports Sectional Committee, PGD 27 held on 28/07/2023.

ITEM 2 REFORMS IN THE PROCESS OF STANDARDISATION

Committee has noted the information given at Agenda Item 2 and the committee is working as per the process reforms suggested by DG BIS.

ITEM 3 SUMMARY OF ACTIONS TAKEN

3.1 The decision of the committee on Summary of actions taken on the minutes of the last meeting is as given below.

Sl. No	Actions taken/ Latest Status	Actions/ Status	Decision of the Committee

1.	<p>New work Item - Draft for Indian standards on mountaineering Harness.</p> <p>The Committee asked Shri ZA Mohammad of M/s Karam Industries Pvt. Ltd. to prepare the draft on Mountaineering Harness and also present a Comparative Study of the performance of some popular harnesses as per the draft Indian Standard in the next meeting. They were also advised to seek the comments from various mountaineering institutes on the draft and comparisons.</p> <p>The Committee asked Shri ZA Mohammad of M/s Karam industries Pvt. Ltd. to share the draft with the member secretary before the next meeting so that it could be circulated with the Agenda of the next meeting.</p> <p>Related Publications: UIAA 105 EN 12277 : 2015</p>	<p>The draft has been received from Mr. ZA Mohammad and the same is being circulated to all the members for inputs/comments. For accessing the draft, please click the link given below.</p> <p>https://docs.google.com/document/d/1jlq0gOlzWUTV4ytRzm86WmStfkAIBKmz/edit?usp=sharing&oid=113125044912114097922&rtpof=true&sd=true</p> <p>The committee will finalize this draft for wide circulation in the next meeting.</p>	<p>Mr. ZA Mohammad of M/s Karam industries Pvt. Ltd. had informed that he will include the comments suggested by the members and share the draft with the committee within one month. This draft will be circulated to the committee members for their comments/inputs.</p>
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2.	<p>Revision of IS 8533 : 1977 Carabiners for the purpose of Mountaineering</p> <p>a) The Chairman advised against the inclusion of dimensions in the standards of Carabiners as this would allow only one type of carabiner to pass the standard and would not allow any flexibility in terms of design, shape etc.</p> <p>b) The committee decided to appoint Shri ZA Mohammad of M/s Karam industries Pvt. Ltd. As the convener of PGD 27/P2 Panel 2 on Mountaineering Equipment. The committee asked him to conduct the meeting of the panel as soon as the working draft for revision of IS 8533 is ready. The draft will be discussed in the next meeting of the Sectional Committee also.</p>	<p>The draft has been received from Mr. ZA Mohammad and the same is being circulated to all the members for inputs/comments. For accessing the draft, please click the link given below.</p> <p>https://docs.google.com/document/d/1CGav8qLJl5JNIPtp5XHpmoVWAaXV1aGk/edit?usp=sharing&oid=113125044912114097922&rtpof=true&sd=true</p> <p>The committee will finalize this draft for wide circulation in the next meeting.</p>	<p>Mr. ZA Mohammad of M/s Karam industries Pvt. Ltd. had informed that he will include the comments suggested by the members and share the draft with the committee within one month. This draft will be circulated to the committee members for their comments/inputs.</p>
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3.	<p>IS 9091 : 1979 Specification for descenders for mountaineering</p> <p>IS 10220 : 1982 Specification for Descenders (type letter “E”) for Mountaineering</p> <p>Shri ZA Mohammad of M/s Karam industries Pvt. Ltd. has proposed to withdraw these standards since the requirements of these standards are already covered under IS 3521 (Part 9) : 2021/ ISO 22159 : 2007 Personal Fall Arrest Systems — Specification Part 9 Descending Devices published by CHD 08.</p> <p>The Committee agreed with the submission from Shri ZA Mohammad of M/s Karam Industries Pvt. Ltd. and recommended withdrawal of the Indian standards.</p>	<p>Withdrawal of these standards will be ratified in the next PGDC. The committee may please note.</p>	<p>The Committee noted the information given in the agenda.</p>
4.	<p>IS 10023 : 1981 Specification for ascenders for mountaineering</p> <p>Shri ZA Mohammad of M/s Karam industries Pvt. Ltd. has proposed to prepare a draft for development of Indian standard. He has informed BIS that he will be presenting the draft to the committee in its</p>	<p>Mr. ZA Mohammad from M/s Karam Industries Pvt. Ltd. Has informed that he will include the comments suggested by the members and share the draft with the committee within one month. This draft will be circulated to the committee members for their comments/inputs</p>	<p>Mr. ZA Mohammad of M/s Karam industries Pvt. Ltd. had informed that he will include the comments suggested by the members and share the draft with the committee within</p>

	next meeting for review. The committee may please note		one month. This draft will be circulated to the committee members for their comments/inputs.
5.	<p>IS 11207 : 1983</p> <p>Specification - For helmets for mountaineers</p> <p>Shri ZA Mohammad of M/s Karam industries Pvt. Ltd. has proposed to prepare a draft for development of Indian standard. He has informed BIS that he will be presenting the draft to the committee in its next meeting for review. The committee may please note.</p>	<p>The draft has been received from Mr. ZA Mohammad And the same is being circulated to all the members for inputs/comments. For accessing the draft, please click the link given below.</p> <p>https://docs.google.com/document/d/1cpgvEFQBEO6cqGRtb3xbUaYlOjSU26cp/edit?usp=sharing&oid=113125044912114097922&rtpof=true&sd=true</p> <p>The committee will finalize this draft for wide circulation in the next meeting.</p>	<p>Mr. ZA Mohammad of M/s Karam industries Pvt. Ltd. had informed that he will include the comments suggested by the members and share the draft with the committee within one month. This draft will be circulated to the committee members for their comments/inputs.</p>

6.	<p>IS 8505 : 1992 Mountaineering - Glossary of terms (First Revision)</p> <p>In the meeting it was informed to the committee that work has been started on the project by the IMF and NIM. The Chairman volunteered to contact the IMF for providing the draft for revision of IS 8505.</p> <p>Mail was sent to the IMF and National Institute of Mountaineering on 15/06/2022 for informing the status of the revision of this standard.</p> <p>The Chairman informed that it was informed by the Indian Mountaineering Foundation that the draft would be submitted to the member secretary by the end of January 2023.</p>	<p>Major Kulwant Singh Dhama from Indian Mountaineering Foundation, New Delhi had volunteered to coordinate with NIM and will provide the draft within one month to the Member secretary. The draft will be circulated to the committee members for their inputs/comments.</p>	<p>The Chairman has volunteered to contact/follow up with IMF for providing the draft for revision of IS 8505.</p>
7.	<p>IS 11854: 1986 Specification for crampons mountaineering non - Adjustable</p> <p>IS 9802: 1987 Specification for adjustable crampons for mountaineering (First Revision)</p> <p>The work of review of these standards was allocated to a BIS officer by the order of DG BIS. The report of review was circulated to the sectional</p>	<p>The draft has been received from Shri Kundan Giri, Former Member secretary of PGD 27 and the same is being circulated to all the members for inputs/comments. For accessing the draft, please click the link given below.</p> <p>https://docs.google.com/document/d/10XMgiAmBGdyMscQnxPfQVrw3kklyvc3/edit?usp=sharing&oid=10598429368151359</p>	<p>Draft IS 11854: 1986 Specification for crampons mountaineering non - Adjustable is under circulation for comments/inputs.</p> <p>Committee requested Shri Kundan Giri,</p>

	<p>committee.</p> <p>Draft for revision of IS 9802: 1987 and IS 11854: 1986 will be shared with the committee during the meeting for the committee to deliberate.</p>	2689&rtpof=true&sd=true	<p>Scientist-C (Former Member Secretary, PGD 27) for submission of the revision draft of IS 9802 within 2 months. This draft will be circulated to the Committee for comments/inputs.</p>
8.	<p>The committee decided to wide circulate ISO 7331: 2020 Ski-poles for alpine and touring skiing —Requirements and test methods for a period of 1 month for revision of IS 12259: 2018.</p>	<p>The revised draft has been sent for wide circulation on 11-09-2023. The last date for sending comments on the draft is 05-11-2023.</p>	<p>The Committee has finalized the draft for printing.</p>
9.	<p>The committee decided to wide circulate ISO 8364:2017 Alpine skis and bindings — Binding mounting area — Requirements and test methods for a period of 1 month for revision of IS 9397 : 2001</p>	<p>The revised draft has been sent for wide circulation on 18-09-2023. The last date for sending comments on the draft is 12-11-2023.</p>	<p>The Committee has finalized the draft for printing.</p>
10.	<p>The committee decided to wide circulate ISO 8061:2019 Alpine ski-bindings — Selection of release torques values for a period of 1 month for revision of IS 16764 : 2018</p>	<p>The revised draft has been sent for wide circulation on 05-09-2023. The last date for sending comments on the draft is 03-11-2023.</p>	<p>The Committee has finalized the draft for printing.</p>
11.	<p>The committee decided to wide circulate ISO 5355:2019 Alpine ski-boots — Requirements and</p>	<p>The revised draft has been sent for wide circulation on 05-09-2023. The last date for sending</p>	<p>The Committee has finalized the draft for printing.</p>

	test methods for a period of 1 month for revision of IS 9315 : 1979	comments on the draft is 03-11-2023.	
12.	The committee decided to wide circulate ISO 9462 : 2014 Alpine Ski-Bindings Requirements and Test Methods for a period of 1 month for revision of IS 16769 : 2018	The revised draft has been sent for wide circulation on 31-08-2023. The last date for sending comments on the draft is 29-10-2023.	The Committee has finalized the draft for printing.
13.	<p>For participation in the Working groups and participating in the development of ISO standards under ISO/TC 83/SC 4, the committee decided to form a panel under PGD 27 constituting members from the following organization. The convener will be decided in the first meeting of the panel:</p> <p>a) Principal, Indian Institute of Skiing and Mountaineering, Gulmarg</p> <p>b) NIMAS, Arunachal Pradesh</p> <p>c) Indian Himalayan Center for Adventure & Eco Tourism (IHCAE)</p> <p>d) ITBP Skiing Team (MSI)</p> <p>e) CQAGS, Kanpur</p> <p>f) Indian Mountaineering Foundation</p> <p>g) High Altitude Warfare School</p>	<p>The panel had been formed in PGD 27 with the title PGD 27/ P1 : Snowsports Equipment Panel. The committee may decide the convener of the panel and provide contact details of the suggested list of members. Brig. Ashok abbey had volunteered to provide the contact details and he had already shared some contact details for this panel.</p>	Committee noted the information as given in the agenda.

ITEM 4 REVIEW/REAFFIRMATION OF PUBLISHED INDIAN STANDARDS

4.1 STANDARDS DUE FOR REVIEW/REAFFIRMATION:

It is mandatory to review or reaffirm every Indian Standard at least once in every 5 years. This year we have the following Indian Standard due for reaffirmation. Committee may please deliberate and take up for review.

4.1.1 These Standards have been approved for reaffirmation:

S.No	IS Number	IS Title	Due Date	Status
1.	IS/ISO 14790 : 2005	Snowboard plate - Bindings - Requirements and test methods	February, 2024	This standard was last reviewed and confirmed in 2020. Therefore this version remains current.
2.	IS 11144 : 2018	Alpine skis - Determination of deformation load and breaking load (First Revision)	May, 2023	—
3.	IS 16762 : 2018 / ISO 6289 : 2018	Skis - Vocabulary	May, 2023	This standard was last reviewed and confirmed in 2023. Therefore this version remains current.
4.	IS 16769 : 2018 / ISO 9462 : 2014	Alpine Skis - Bindings - Requirements and Test Methods	May, 2023	ISO 9462:2023 (Approved for Reaffirm and Revision)

5.	IS 17005 : 2018 / ISO 6266 : 2013	Alpine Skis Determination of Fatigue Indexes Cyclic Loading Test	July, 2023	This standard was last reviewed and confirmed in 2018. Therefore this version remains current.
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4.2 REVISION OF INDIAN STANDARDS PUBLISHED BEFORE 2000

It has been decided by the Competent Authority of the Bureau to revise all the standards which were published 20 years back as a lot of technological advancement is made in the last 20 years.

The standards published before 2000 are given in the table given below. The committee may please deliberate and take up for revision of standards on project mode within 3 years.

Committee noted the information given in the agenda Item 4.2.

Status of Pre-2000 Standards :

Sl No.	IS Number	IS Title	Due Date	Status
1	IS 10023 : 1981	Specification for ascenders for mountaineering	December , 2021	Under Review
2	IS 10220 : 1982	Specification for Descenders (type letter "E") for Mountaineering	December , 2021	Withdrawal of these standards will be ratified in the next PGDC. The committee may please note.
3	IS 11042 (Part 1) : 1984	Specification for binding screws for alpine skis: Part 1 general requirements	-	Withdrawn

4	IS 11072 : 1984	Specification for ice daggers for mountaineering	December , 2021	Withdrawn (14th Meeting Committee decided to withdraw this standard.)
5	IS 11073 : 1984	Specification for expansion bolts for mountaineering	December , 2021	Archived
6	IS 11074 : 1984	Specification for rope ladders for mountaineering	December , 2021	Withdrawn (14th Meeting Committee decided to withdraw this standard.)
7	IS 11138 : 1984	Specification for snow dead - Boy and dead - Man for mountaineering	December , 2021	Archived
8	IS 11207 : 1983	Specification - For helmets for mountaineers	December , 2021	Draft yet to be received. The committee may deliberate for further actions.
9	IS 11616 : 1986	Specification for avalanche rods for mountaineering	December , 2021	Archived
10	IS 11854 : 1986	Specification for crampons mountaineering non - Adjustable	December , 2021	Draft yet to be received. The committee may deliberate for

				further actions.
11	IS 6590 : 1972	Specification for braided nylon rope for mountaineering purposes	December , 2026	Withdrawn (Revised in 2023)
12	IS 8505 : 1992	Mountaineering - Glossary of terms (First Revision)	December , 2021	The draft will be circulated to the committee members for their inputs/comments.
13	IS 8533 : 1977	General Purpose Carabiners for Mountaineering	December , 2021	The committee will finalize this draft for wide circulation in the next meeting.
14	IS 8648 : 1987	Specification for ice axe for mountaineering (First Revision)	December , 2021	Archived
15	IS 8905 : 1987	Specification for rock pitons for mountaineering (First Revision)	December , 2021	Archived
16	IS 8906 : 1987	Specification for ice axe - Cum - Hammer for mountaineering (First Revision)	December , 2021	Archived

17	IS 8907 : 1987	Specification for ice pitons for mountaineering (First Revision)	December , 2021	Archived
18	IS 8908 : 1978	Specification for snow stakes for mountaineering	December , 2021	Archived
19	IS 9090 : 1979	Specification for tent poles for mountaineering	December , 2021	Archived
20	IS 9091 : 1979	Specification for descenders for mountaineering	December , 2021	Withdrawn (14th Meeting Committee decided to withdraw this standard.)
21	IS 9092 : 1979	Specification for tent pins for mountaineering	December , 2021	Archived
22	IS 9248 : 1979	Specification for piton hammers for mountaineering	December , 2021	Archived
23	IS 9315 : 1979/ ISO 5355: 2003	Dimensions for boot/binding interface (Greater Than Size 36) for alpine skis	December , 2021	The draft had sent for wide circulation on 05-09-2023

24	IS 9802 : 1987	Specification for adjustable crampons for mountaineering (First Revision)	December , 2021	Draft is under process for wide circulation.
25	IS 9847 : 1987	Specification for ice hammers for mountaineering (First Revision)	December , 2021	Archived

ITEM 5 PROGRAMME OF WORK

5.1 The committee noted the information given at agenda item 5.1.

5.2 The committee noted the information given at agenda item 5.2.

ITEM 6 COMPOSITION OF THE SECTIONAL COMMITTEE

6.1 The committee noted the information given at agenda item 6.1.

6.2 The committee noted the information given at agenda item 6.2.

6.3 The committee deliberated and decided to co-opt the active and relevant expert members and withdraw the co-option of the inactive organizations/members from the committee composition.

Committee decided to co-opt the following organizations:

Sl No.	Organization	Name	Email
1	Indian Inovatix Ltd, Gandhinagar, Gujrat	Shri Rajgor Parth (principle member)	qc@indianinovatix.com
2	Indian Inovatix Ltd, Gandhinagar, Gujrat	Shri Bavddin Aamirkhan (alternate member)	purchase@indianinovatix.com
3	Paradreams Adventures, Bengaluru, Karnataka,	Shri Ravi Sharma, MD	Paradreamsadventures@gmail.com

6.5 Committee decided to Withdrawal of the Co-option of the following organizations:

Sl No	Organization	Principal Member/Alternate Member/ YP	Email ID	15 th	16 th	17 th	Attendance
1.	National Test House, Kolkata R&D	Avinash kumar Mob :9871004189	nthnr-ca@nic.in	-	-	-	0/3
2.	Northern India Textile Research Association, Ghaziabad	Dr. Neha Kapil Mob :9650565929 nehakapil@nitratextile.org	nehakapil@nitratextile.org	-	-	-	0/3
3.	Outdoor School, New Delhi	Shri Mohit Oberoi Mob :9810043029	mohit@de12.vsnl.net.in	-	-	-	0/3
4.	Sagar Asia Pvt. Ltd., Secunderabad	Ms. T Anitha Prasad Mob :9701000952	T.anitha@sagarasia.com	-	-	-	0/3
5.	Trekko Equipment, New Delhi	Shri Nagesh Sethi Mob :9818003102	nagesh_sethi@yahoo.com.in	-	-	-	0/3
6.	IN PERSONAL CAPACITY	Col A B Goth Mob :7060855769	anil.goth@gmail.com	-	-	-	0/3

7.	IN PERSONAL CAPACITY	Shri Ramchandra Bhardwaj		-	-	-	0/3
8.	Azuka Synthetic LLP, Panchkula	Shri Sushant Gupta Shri Amit Rana	sushant@azukaropes.com care@azukaropes.com	-	-	-	0/3
9.	Gipfel Climbing Private Limited, Meerut	Shri Apar Mahajan	apaar@gipfelclimbing.com	-	-	-	0/3
10.	Indo Tibetan Border Police, New Delhi	The Commandant	digtrg@itbp.co.in	-	-	-	0/3
11.	Jawahar Institute of Mountaineering and Winter Sports, Pahalgam	Principal	patoprincipaljim@gmail.com vsbandhral@gmail.com	-	-	-	0/3
12.	Mountaineering and Skiing Institute, Auli	Shri Brig. Yashpal Singh (Retd.) Shri Balwinder Singh	itcellmsi@itbp.gov.in itcellmsi@itbp.gov.in2	-	-	-	0/3
13	Nehru Institute of Mountaineering, Uttarkashi	Principal	Nimutk2004@sanchrnet.in	-	-	-	0/3
14	Swami Vivekanand Institute of Mountaineering,	Principal	Kiran.chaula@gmail.com	-	-	-	0/3

	Mount Abu						
15	Master General Ordnance Branch, New Delhi	CEO	Diremgsc-mod@nic.in cqatc@dataone.in	-	-	-	0/3
16	Sonam Gyatso Mountaineering Institute, Gangtok	Principal	dtsherpa@icloud.com datulkelly@yahoo.co m	-	-	-	0/3

ITEM 7 INTERNATIONAL ACTIVITIES

7.1 The committee noted the information given at agenda item 7.1.

7.2 The committee noted the information given at agenda item 7.2.

7.3 Committee noted the information given in the agenda Item 7.3.

7.4 The committee decided to participate in the following upcoming ISO meeting -

Committee	Meeting Number	Status	Sessions & Events	Date & Location
ISO/TC 83/SC 4	36th	Proposed	Face to Face	<p>Meeting start times at relevant time zones</p> <p>At session location Europe/Berlin (UTC+02:00) 09:00 Wednesday 2nd Oct 2024</p> <p>Universal (UTC+00:00) 07:00 Wednesday 2nd Oct 2024</p>

				<p>At your location Asia/Calcutta (UTC+05:30) 12:30 Wednesday 2nd Oct 2024</p> <p>Germany (Berlin)</p>
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7.5 Committee noted the information given in the agenda Item 7.5.

SL No	Standard and/or project under the direct responsibility of ISO/TC 83/SC 4 Secretariat	Stage	ICS
1.	ISO/WD 6289 Skis — Vocabulary	20.99	
2.	ISO 9523 Touring ski-boots for adults — Interface with touring ski-bindings — Requirements and test methods	60.00	97.220.20
3.	ISO/WD 23223 Alpine ski boots with improved walking soles — Interface with alpine ski-bindings – Requirements and test methods	20.99	

ITEM 8 NATIONAL AND INTERNATIONAL LEVEL EVENTS TO BE PARTICIPATED IN

Committee noted the information given in the agenda Item 8.

ITEM 9 SCIENTIFIC JOURNALS AND PERIODICALS TO BE SUBSCRIBED

Committee noted the information given in the agenda Item 9.

ITEM 10 CREATION OF POOL OF EXPERTS

Committee noted the information given in the agenda Item 10.

ITEM 11 RESEARCH PROJECT TO BE TAKEN UP FOR INCLUSION OF EMPIRICAL DATA AND INSIGHTS

Committee noted the information given in the agenda Item 11.

ITEM 12 DATE AND PLACE OF NEXT MEETING

Representative from Atal Bihari Vajpayee Institute of Mountaineering and Allied Sports, Manali has volunteered to host the next meeting. The committee suggested to explore the possibilities to schedule the next meeting on 8th Feb. 2024 at Atal Bihari Vajpayee Institute of Mountaineering and Allied Sports, Manali.

S.N.	Meeting No	Date	Venue
1.	17 th meeting	07 November 2023	BIS HQ New Delhi (Hybrid)
2.	18 th meeting	08 Feb 2024 (Proposed)	Atal Bihari Vajpayee Institute of Mountaineering and Allied Sports, Manali

ITEM 13 ANY OTHER BUSINESS

13.1 Committee noted the information given in the agenda Item 13.1.

13.2 Committee noted the information given in the agenda Item 13.2.

The committee discussed and approved the following Standards for ToR and also identified the Standards for consideration under ToR.

PGD 27 – List of Standards approved for ToR :

S. No.	IS Number	Title
1.	IS 10023 : 1981	Specification for ascenders for mountaineering

2.	IS 11207 : 1983	Specification - For helmets for mountaineers
3.	IS 11854 : 1986	Specification for crampons mountaineering non - Adjustable
4.	IS 9802 : 1987	Specification for adjustable crampons for mountaineering First Revision
5.	IS 8533 : 1977	General Purpose Carabiners for Mountaineering

PGD 27 – List of Standards identified for consideration under ToR :

S. No.	IS Number	Title
1.	IS 10023 : 1981	Specification for ascenders for mountaineering
2.	IS 11042 (Part 1) : 2022	ALPINE SKIS SKI BINDING SCREWS PART 1 REQUIREMENTS
3.	IS 11073 : 1984	Specification for expansion bolts for mountaineering
4.	IS 11138 : 1984	Specification for snow dead - Boy and dead - Man for mountaineering

5.	IS 11207 : 1983	Specification - For helmets for mountaineers
6.	IS 11616 : 1986	Specification for avalanche rods for mountaineering
7.	IS 11854 : 1986	Specification for crampons mountaineering non - Adjustable
8.	IS 8648 : 1987	Specification for ice axe for mountaineering First Revision
9.	IS 8905 : 1987	Specification for rock pitons for mountaineering First Revision
10.	IS 8906 : 1987	Specification for ice axe - Cum - Hammer for mountaineering First Revision
11.	IS 8907 : 1987	Specification for ice pitons for mountaineering First Revision
12.	IS 8908 : 1978	Specification for snow stakes for mountaineering
13.	IS 9090 : 1979	Specification for tent poles for mountaineering
14.	IS 9092 : 1979	Specification for tent pins for mountaineering

15.	IS 9248 : 1979	Specification for piton hammers for mountaineering
16.	IS 9802 : 1987	Specification for adjustable crampons for mountaineering First Revision
17.	IS 9847 : 1987	Specification for ice hammers for mountaineering First Revision

13.3 Sustainability Advisory Group -

Committee noted the information given in the agenda Item 13.3.

13.4 Committee has suggested to organize a webinar/ seminar for awareness regarding IS 6590: 2023 Ropes for mountaineering. Representatives from Kohinoor Ropes Pvt Ltd Aurangabad and Karam Industries had volunteered to support in organizing this awareness program.

ITEM 14 STANDARDS UNDER DEVELOPMENT -

Committee noted the information given in the agenda Item 14.

ITEM 15 PREPARATION OF ROLLING ACTION PLAN -

Committee noted the information given in the agenda Item 15.

Rolling Action plan :

a)	All document under development	5
b)	standard due for review	31
c)	Pre 2000 Standards	25
d)	If any request come from ministry/committee	—
e)	SNAP 22-2023 take some subjects for 2023-2024	—

ITEM 16 MAPPING OF GOVERNMENT SCHEME -

Committee noted the information given in the agenda Item 16.

ITEM 17 ANY ENQUIRY TO BIS

17.1. Committee noted the information given in the agenda Item 17.1.

17.2 Committee noted the information given in the agenda Item 17.2.

_____The meeting ended with a thanks to the Chair_____

For BIS USE ONLY

[Minutes of the 17th Meeting of Mountaineering and Adventure Sports Sectional Committee, PGD 27] 7 Nov 2023