

FOR BIS USE ONLY.



भारतीय मानक ब्यूरो BUREAU OF INDIAN STANDARDS

FINAL MINUTES

COMMITTEE	DATE and DAY	TIME
27 th Meeting of Mining Techniques and Equipment Sectional Committee, MED 08 (Virtual Mode)	02nd August 2024	11:00 AM onwards
Meeting link: https://bismanak.webex.com/bismanak/j.php?MTID=m02a565811108af1b1662f74514ac2ceb		

CHAIRMAN: Shri Saifullah Ansari, Director (MSE), Directorate General of Mines Safety, Dhanbad.

MEMBER SECRETARY: Shri Shubham Tiwari, Deputy Director/Scientist- C (MED), BIS, New Delhi.

ITEM 0 WELCOME AND OPENING REMARKS

Head of Mechanical Engineering Department of BIS welcomed all the committee members present in the 27th Meeting of MED 08. He requested all the members present to actively deliberate during the discussion of the meeting. He emphasized the all committee members to provide their comments of P-Draft and ISO document Ballots through BIS online Portals using their login credentials. He suggested that the next TC meeting may be held at ISM Dhanbad and also requested the committee members to review the standardization related to the subjects given by Ministry of Coal. He expressed gratitude to the Chairperson and committee member for cooperation in the committee work.

Shri Saifullah Ansari, Chairperson, MED 08 extended a hearty welcome to the members present in the 27th meeting of Mining Techniques and Equipment Sectional Committee, MED 08. He further recommended for the active participation of members in the committee work. He hoped the deliberations during the meeting will be fruitful for the needful Standardization. He also suggested that the next TC meeting may be held in physical or Hybrid mode. He also requested all the committee members to expedite the pending work for revision of Indian Standards and for new work items for standardization. Furthermore, he requested all the members to give inputs for the ISO ballots received.

ITEM 1 CONFIRMATION OF THE MINUTES OF THE LAST MEETING

The Minutes of the 26th Meeting of Mining Techniques and Equipment Sectional Committee, MED 08, held on 09 November 2023 was sent to Chairman Sir vide our email dated 10th Nov 2023 and 22nd May 2024. The Draft Minutes are also attached here for reference of committee members.



Revised Draft
Minutes of 26th meeting

The committee has formally accepted and approved the minutes of the last meeting. Held on 9th Nov 2023.

ITEM 2 Standardization of Material Handling presently covered in MED 06 programme of work:

The Sectional Committee MED 06 “Continuous Bulk conveying, Elevating, Hoisting, Aerial Ropeways and Related Equipment “ in its 24th and 26th meeting held on 5th March 2023 and 6th Oct 2023 respectively decided to bifurcate the existing committee in two different Committees due to its wider scope.

The Mechanical Engineering Division Council in its meeting dated 26th April 2024 opined that the subject ‘Bulk Material Handling’ is being dealt with by different Technical Committees. It was suggested that the Member Secretaries of the respective Sectional Committees take up the matter with their committees and explore the possibility of bringing standardization of Material Handling under

a single committee.

The committee discussed and decided that the present scope of MED 08 is appropriate in current scenario and no changes are required.

ITEM 3 THE ROLLING ANNUAL ACTION PLAN FOR THE YEAR 2024-25

Annual Plan for Standardization (APS) has been prepared and has been enclosed.

https://www.services.bis.gov.in/php/BIS_2.0/actionplan_new/Standard/show_annual_report_details/669

Tentative Schedule for MED 08 meetings in FY 2024-2025 is as follows

	27 th meeting	28 th meeting	29 th Meeting
MED 08	02-08-2024	23 Oct 2024	12 Feb 2024

Committee noted the information.

ITEM 4 ACTIONS ARISING OUT OF THE MINUTES OF THE 26th MEETING

4.1 The summary of actions taken on the minutes of the 26th Meeting/25th Meeting/24th Meeting of **Mining Techniques and Equipment Sectional Committee, MED 08** and present status are given below:

SI No	Item*	Decision taken during the 26 th Meeting	Action Taken	Decision taken during 27 th Meeting
1	2.1 (2) (a)	<p><u>IS 7587 (Part 8) : 1993 — Winding in mines — Suspension gear: Part 8 Clivey hook suspension arrangements:</u></p> <p>(26th meeting) Shri Surajit Dey has informed that the testing of the break load for the 125 KN Clivey Hook is currently underway. He has also requested the member secretary to send a letter from BIS to issue the test report due to administrative approvals from CIMFR Dhanbad.</p>	<p>The case has been discussed with Shri Surajit Dey on 26-07-2024.. He informed that he has not received the sample for testing till date. It was discussed that one the sample will be received by CIMFR Dhanbad, they will inform us and after that we have to send a letter/Email to CIMFR Dhanbad, requesting them for</p>	<p>Shri J.P. Goenka agreed to send the sample to CIMFR Dhanbad within 30 days.</p> <p>Shri Surajit Dey is requested to send an email to MED after receiving the sample, then M.S. will provide the required request letter for break load testing.</p>



Sl No	Item*	Decision taken during the 26 th Meeting	Action Taken	Decision taken during 27 th Meeting
		<p>The member secretary has confirmed that MED will send a letter to CIMFR Dhanbad to issue the test report.</p> <p><i>Background</i></p> <p>(22nd meeting) The committee approved the proposal of including the Friction rope cappel for diameter 51-56 mm in IS 7587 (Part 8).</p> <p>The committee requested the member secretary to provide an editable word copy of IS 7587 (Part 8) to Shri Goenka for incorporating the necessary changes. Shri Goenka agreed to revise the draft as discussed.</p> <p>The committee also requested the member secretary to wide circulate the draft received from Shri Goenka for 2 months time.</p> <p>Further action will be initiated in consultation with the chairman MED 08.</p> <p>The committee decided to drop the proposal of 250 kN Safety Hook as there is no requirement by the industry.</p> <p>(23rd meeting)</p> <p>An editable word copy of IS 7587 (Part 8):1993 was provided to Shri Goenka vide mail dated 05-May-2022.</p> <p>The committee requested the member secretary to once again forward the draft of IS 7587 (Part 8) to Shri Goenka</p>	<p>carrying out testing on sample received free-of cost.</p> <p>Shri J. P. Goenka is requested to send the prototype of the 125 KN Clivey Hook, to CIMFR Dhanbad at the earliest, with a covering letter giving reference of the meeting. The copy of the letter may also be sent to BIS .</p> <p>The Committee may kindly note above information, discuss and decide further actions.</p>	


Sl No	Item*	Decision taken during the 26 th Meeting	Action Taken	Decision taken during 27 th Meeting
		<p>for incorporating the necessary changes.</p> <p>(24th meeting)</p> <p>Revised draft of IS 7587 (Part 8) including details of 125 kN clivey hook has been received from Shri Goenka vide his mail dated 10-December-2022.</p> <p>The committee decided for the testing of 125kN Clivey hook at CIMFR Dhanbad before incorporating its specifications in the standards.</p> <p>(25th meeting)</p> <p>CIMFR Dhanbad has informed us that they are interested in doing the work.</p> <p>They have also requested to provide the drawing of the 125 kN load capacity Clivey hook and details of the tests that are to be performed on the prototype.</p> <p>Shri J. P. Goenka has been requested to provide the above information vide email dated Feb 2, 2023. Inputs are still awaited.</p> <p>Shri J. P. Goenka has informed us that the prototype of the 125 KN Clivey Hook is ready for break load testing, and he has also shared the photo and data sheet with CIMFR Dhanbad.</p> <p>Shri Surajit Dey from CIMFR has agreed to perform the break load test on the prototype as soon as he gets</p>		

Sl No	Item*	Decision taken during the 26 th Meeting	Action Taken	Decision taken during 27 th Meeting
		<p>permission from the competent authority and will share the results with committee for further action.</p> <p>(Action taken on 25th Meeting decisions) Follow-Up Email dated 01 Aug 2023 sent to Mr. Surajit Dey for prototype.</p> <p>20230801_MED08_Item_3_Surajit_Dey_followup_email.pdf</p> <p>Email sent by JP Goenka from Nanda Miller dated 2 august 2023 for 125 kN on Clivery hook.</p> <p>Email fro JP goenka for clivery hook.pdf</p>		
2(i)	7.1 (2)	<p>Review (Revision) of Indian Standards IS 14352 : 1996 , IS 10970 : 1984 , IS 8473: 1988 , IS 10046 : 1981 , IS 8066 : 1976 , IS 12527 : 1988 , IS 13618 : 1993 , IS 12450 : 1988 , IS 9171: 1979 , IS 10202 : 1982 , IS 9910: 1981</p> <p>The committee has decided to grant an additional month to Md. Niyazi, Dir (S&T), DGMS, and Shri Kaushik Sen Gupta, Dy. Director (Mech.), DGMS HQ Dhanbad, to review the standards currently in the WC stage.</p> <p>Following the review of these documents, the committee will make a decision to finalize these standards for printing.</p> <p>Background:</p>	<p>Emails were sent to concerned to review the WC documents vide email dated 07.11.2023 and Reminders vide email dated 18.12.2023 and 25.07.2024. No comments have been received till date.</p> <p>Since the documents from sl. no. 1 to 11 have already completed wide circulation and being pre-2000 standard committee may discuss and decide for the printing of the documents.</p>	<p>The Committee approved the following documents for publication.</p> <ol style="list-style-type: none"> 1) IS 14352 : 1996 - Miner’s safety goggles 2) IS 8473: 1988 - Specification for roof bars used in mines 3) IS 10046 : 1981 - Specification for dog spikes for mine haulage tracks 4) IS 8066 : 1976 - Specification of mine cars 5) IS 12450 : 1988 - Steel headframes for mines 6) IS 9171: 1979 - Code of



Sl No	Item*	Decision taken during the 26 th Meeting	Action Taken	Decision taken during 27 th Meeting
		<p>(23rd Meeting) The committee decided to wide circulate the drafts after incorporating the modifications as suggested by Shri Goenka for 02 months' time.</p> <ol style="list-style-type: none"> 1) IS 14352 : 1996 - Miner's safety goggles 2) IS10970 : 1984 - KEPS for mine cages 3) IS 8473: 1988 - Specification for roof bars used in mines 4) IS 10046 : 1981 - Specification for dog spikes for mine haulage tracks 5) IS 8066 : 1976 - Specification of mine cars 6) IS 12527 : 1988 - General requirements for riders for buckets used in shaft sinking operations in mines 7) IS 13618 : 1993 - Mine haulages-direct rope (50 to 150 kw) - general requirements 8) IS 12450 : 1988 - Steel headframes for mines 9) IS 9171: 1979 - Code of practice for maintenance and use of friction and hydraulic props and link bars 10) IS 10202 : 1982 - Scrapers used in mine 11) IS 9910: 1981 - Method for braze strength testing of coal and rock cutting tools with laid-on tungsten-carbide tips <p>All the documents were wide circulated vide our mail dated 12-09-2022 / 06-10-2022/ 03-01-2023 for 02 months' time.</p> <p>IS 14352 WC DOC.pdf IS 10970 WC DOC.pdf IS 8473 WC DOC.pdf IS 10046 WC DOC.pdf IS 8066 WC DOC.pdf</p>		<p>practice for maintenance and use of friction and hydraulic props and link bars</p> <ol style="list-style-type: none"> 7) IS 10202 : 1982 - Scrapers used in mine 8)IS 9910: 1981 - Method for braze strength testing of coal and rock cutting tools with laid-on tungsten-carbide tips. <p>The Committee requested MS to send the copy of WC document and existing version of following remaining standards as mentioned above for review by the panel mentioned below:</p> <ol style="list-style-type: none"> 1) IS 10970 : 1984 - KEPS for mine cages 2) IS 12527 : 1988 - General requirements for riders for buckets used in shaft sinking operations in mines 3) IS 13618 : 1993 - Mine haulages-direct rope (50 to 150 kw) - general requirements <p>The Committee has formed a panel for review of the document under WC for remaining standards (IS 10970,</p>

Sl No	Item*	Decision taken during the 26 th Meeting	Action Taken	Decision taken during 27 th Meeting
		<p> IS 12527 WC DOC.pdf IS 13618 WC DOC.pdf IS 12450 P 1 WC DOC.pdf IS 9171 WC DOC.pdf IS 10202 WC DOC.pdf IS 9910 WC DOC.pdf </p> <p>No comments have been received.</p> <p>(24th Meeting)</p> <p>The committee requested the chairman, Dir (S&T), DGMS and Dy. Director (Mech.), DGMS to review the documents referred from sl. no. 1 to sl. no. 11 within 15 days' time and confirm the correctness of the drafts for further necessary action.</p> <p>(25th Meeting)</p> <p>The committee decided to circulate the draft again to Md. Niyazi, Dir (S&T), DGMS and Shri Kaushik Sen Gupta, Dy. Director (Mech.), DGMS HQ Dhanbad to review the documents referred from sl. no. 1 to sl. no. 11 within 15 days' time and confirm the correctness of the drafts for further necessary action.</p>		<p>IS 12527, IS 13618) before finalization for printing, within next 30 days:</p> <p>i) Shri Shambu Sharan and Shri Raghvendra Pratap Singh of Central Mine Planning & Design Institute Limited.</p> <p>ii) Shri J.P. Goenka of Nanda Millar Company, Kolkata</p> <p>iii) Shri Venkatesh Kustagi of Hutti Gold Mines Company Limited, Bengaluru</p> <p>iv) Shri M Arumugam of Directorate General of Mines Safety, Dhanbad</p> <p>v) Shri G. Vekata Rangarao, Deputy Director from HQ, DGMS-[Mob. 8247303336, Email-ranga8293@gmail.com]</p>

Sl No	Item*	Decision taken during the 26 th Meeting	Action Taken	Decision taken during 27 th Meeting
		<p>The committee also decided to take further action on the printing of these standards after receiving input from Dir (S&T), and Dy. Director (Mech.), DGMS, HQ Dhanbad.</p> <p>(26th Meeting)</p> <p>The committee has decided to grant an additional month to Md. Niyazi, Dir (S&T), DGMS, and Shri Kaushik Sen Gupta, Dy. Director (Mech.), DGMS HQ Dhanbad, to review the standards currently in the WC stage.</p> <p>Following the review of these documents, the committee will make a decision to finalize these standards for printing.</p>		
2(ii)	<p>7.1 (2)</p>	<p>Review of Indian Standards IS 5114:1969 and IS 13230:1992:</p> <p>The committee decided to circulate the draft after editorial changes for review and comment by the members.</p> <p>(23rd Meeting)</p> <p>The member secretary also contacted DGMS for the revision of the following old standards: IS 5114:1969 - Specification for reflectorized signs for mines IS 13230:1992 - Graphical symbols for use on mine plans Revised draft is awaited from DGMS.</p> <p>(24th Meeting)</p> <p>The committee requested DGMS to provide a revised</p>	<p>The draft for revision of IS 5114 and IS 13230 after editorial changes for review and comment by the members is attached as follows:</p> <p> IS 5114.docx</p> <p> IS 13230_wc.docx</p> <p>The Committee may please examine the draft and may give</p>	<p>Committee suggested MS to send the draft for review to Shri Shambu Sharan and Shri Raghvendra Pratap Singh of Central Mine Planning & Design Institute Limited and Dr. Prabhakar Sangoormath from Hutti Gold Mines Company Limited. The Committee requested these members to review the document within 15 days. Committee approved the document for wide circulation for 60 days if no comments are received within 15 days after</p>

Sl No	Item*	Decision taken during the 26 th Meeting	Action Taken	Decision taken during 27 th Meeting
		<p>draft within 15 days' time. <i>The documents will then be sent for wide circulation for public commenting, in consultation with the chairman MED 08.</i> Revision draft is awaited from DGMS.</p>	<p>approval for wide circulation of the draft for 2 months.</p>	<p>sending the email.</p>
3	<p>7.1 (1)</p>	<p><u>'Revision of IS 9123 : 1979 — Specification for battery locomotives for use in mines'</u></p> <p>(26th Meeting) The committee has reviewed and approved the composition of the panel for "Battery Locomotives to be Used in Mines" as follows:</p> <ul style="list-style-type: none"> - Shri Atul Sharma, M/s MOIL (Convener) - Shri CH. V. R. S. Prasada Rao, BEML - Shri Rakesh Singhvi, M/s HZL - Shri U. J. Dhanapaul from M/s Ovis Equipments - One member from Hutti Gold Mines - One member from SAIL <p>The committee has also decided that the members will be added to the committee once nominations are received from Hutti Gold Mines and SAIL. The Terms of Reference (ToR) will be circulated to them, along with other panel members, for review and their comments/feedback for further consideration by the committee.</p> <p>(25th Meeting) The committee decided to reformulate the panel as below:</p> <ol style="list-style-type: none"> 1) Shri Atul Sharma, M/s MOIL (Convener) 2) Shri CH. V. R. S. Prasada Rao, BEML 3) Shri 	<p>Nomination received from Hutti Gold Mines Company Limited vide email dated 16.01.2024 with following members nominated:</p> <ol style="list-style-type: none"> 1) Dr.Prabhakar. Sangoormath, Former Executive Director, HGML (Principal Member) 2) Shri.Mallikarjun Sarapur, General Manager (Alternate Member) 3) Ms. Mega Hiremath, Geologist (Alternate Member) <p> Nomination_Proforma Hutti Gold Mine:</p> <p>The Committee may approve the nominations from M/s Hutti Gold Mines Company Limited for becoming members in MED 08.</p>	<p>The Committee reconstituted the panel as follows:</p> <ol style="list-style-type: none"> 1) Shri Atul Sharma, M/s MOIL (Convener) 2) Shri CH. V. R. S. Prasada Rao, BEML (Shri H. G. Suresh is substitute member) 3) Shri U. J. Dhanapaul from M/s Ovis Equipments 4) Shri Venkatesh Kustagi of Hutti Gold Mines 5) Shri Sarvesh Kumar of Eastern Coalfields Limited, Dishergarh (Substitute Member: Shri Ajay Bhowmik) <p>Committee suggested MS to follow up with Shri Atul Sharma and Shri U. J. Dhanapaul from M/s Ovis Equipments. If they are not interested, Shri Venkatesh Pushki will be the convener.</p> <p>Committee requested the above</p>

Sl No	Item*	Decision taken during the 26 th Meeting	Action Taken	Decision taken during 27 th Meeting
		<p>Venkatesh Kustagi from Hutti Gold Mines 4) Shri Rakesh Singhvi, M/s HZL 5) Shri U. J. Dhanapaul from M/s Ovis Equipments</p> <p>Also, Shri J.P. Goenka has agreed to provide contact details for Shri Venkatesh Kustagi from Hutti Gold Mines.</p> <p>The committee has requested that the panel expedite the process and conduct a panel meeting and prepare a revision draft.</p> <p><i>Background: (23rd Meeting)</i></p> <p>Department of Heavy Industries (DHI) is going to issue as Omnibus Technical Regulation (OTR). In the OTR 04 standards i.e. IS 9999:1981, IS 17241:2019, IS 17242:2019 and IS 9123:1979 have been referred. It is observed that IS 9999:1981 and is 9123:1979 have become quiet old and the committee is requested to take up the revision of the standards. As per sl. no.2, Item No. 2.1 (2) (d), revision of IS 9999:1981 has already been taken. The committee is also requested to take up the revision of IS 9123:1979.</p> <p>The committee discussed the agenda point in detail. The committee observed that IS 17241 and IS 17242 need no further action. The committee already decided the course of action for IS 9999 at agenda point Sl. No. 2. For IS 9123, the committee decided to formulate a panel comprising of the following member:</p>	<p>No Nominations have been received from SAIL. So, The Panel Composition may be reformulated as follows:</p> <ul style="list-style-type: none"> - Shri Atul Sharma, M/s MOIL (Convener) - Shri CH. V. R. S. Prasada Rao, BEML - Shri Rakesh Singhvi, M/s HZL - Shri U. J. Dhanapaul from M/s Ovis Equipments - Dr. Prabhakar.Sangoormath from Hutti Gold Mines <p>Email dated 21st Nov 2023 and reminders vide emails dated 22nd May 2024 and 26th July 2024 have been sent to the Panel to give comments/ feedback on the ToR attached for further actions. NO comments/ feedback has been received till date.</p>	<p>panel to review the document within 30 days.</p>



Sl No	Item*	Decision taken during the 26 th Meeting	Action Taken	Decision taken during 27 th Meeting
		<p>1) Shri Atul Sharma, M/s MOIL 2) Shri CH. V.R.S. Prasada Rao, BEML 3) One member from Hutti Gold Mines 4) Shri Rakesh Singhvi, M/s HZL 5) One member from M/s SAIL</p> <p>The committee requested the panel for a revised draft standard within 2 months time.</p> <p>Draft revised standard on IS 9123 is awaited from the panel.</p> <p>As mentioned in the Sl. No. 2 above, the panel convener informed the committee that the revised draft will be finalized in 15 days time. The chairman has personally discussed with Shri Atul Sharma of M/s MOIL to expedite the revision of IS 9123.</p> <p><i>(24th Meeting)</i></p> <p>The committee decided to add M/s Opel in the committee. The committee also decided to provide the names of members from M/s Hutti Gold Mines and from M/s SAIL. The committee requested the panel to convene the meeting for the revision of the standard.</p> <p><i>Action taken after 24 meeting</i></p> <p>Names of members from M/s Hutti Gold Mines and from M/s SAIL are still awaited.</p>	<p> ToR-for-Battery-Operated-Locomotives.</p> <p> Email_IS 9123_ToR.pdf</p> <p>IS 9123:1979 has also been allotted for review as Action Research Project (ARP) to BIS officer Shri Kush Sharma, Sc-D with due date for submission 31-01-2025.</p> <p>Committee may please note the information and also may discuss and decide further actions.</p>	



Sl No	Item*	Decision taken during the 26 th Meeting	Action Taken	Decision taken during 27 th Meeting
		Committee is requested to provide the name and contact details of competent persons to take up the review of IS 9123:1979.		

4.2 The summary of actions taken on the minutes of the 25th Meeting of Mining Techniques and Equipment Sectional Committee, MED 08 and present status are given below:

Sl No	Item*	Decision taken during the 25 th Meeting	Action taken	Decision taken during the 27 th Meeting
1	2.1 (2) (d)	<p><u>IS 9999:1981 — Specification for diesel locomotives for use in mines</u></p> <p>The Committee has noted the information and decided to circulate the draft standard (IS 9999 : 1981) for comments.</p> <p><i>Background:</i> (23rd Meeting)</p> <p>The committee revised the panel composition as given below:</p> <ol style="list-style-type: none"> 1) Shri M Arumugam, DGMS (Convenor) 2) Shri CH. V.R.S. Prasada Rao, BEML 3) Shri Reji Jose, M/s Caterpillar 4) Shri Atul Sharma, M/S MOIL <p>The convener may also call any other competent person in the panel meeting.</p>	<p>The draft document for revision of IS 9999:1981 was wide circulated on 02-08-2023 for 2 months (Document No. MED/08/22869 SAFETY REQUIREMENTS FOR DIESEL LOCOMOTIVES USED IN MINES - SPECIFICATION).</p> <p>The last date for receiving comments on the draft document is over and no comments have been received till date.</p> <p>The committee may please approve the document for printing.</p>	Committee approved the document for printing.

Sl No	Item*	Decision taken during the 25 th Meeting	Action taken	Decision taken during the 27 th Meeting
		<p>The committee requested the panel for a revised draft of IS 9999 within 6 weeks. The committee also requested the panel to organize the panel meeting within 14 days of the circulation of the minutes of the meeting.</p> <p>The convenor Shri M Arumugam vide his mail dated 19-August-2022 informed that the draft standard is nearing its completion and will be provided shortly.</p> <p>The convener informed the committee that the revised draft standard will be finalized in 15 days time after organizing one panel meeting.</p> <p><i>(24th Meeting)</i></p> <p>The convener Shri M Arumugam vide his mail dated 18-September-2022 provided a draft revised standard on IS 9999. However, he requested the member secretary to incorporate the updated cross-referred standards.</p> <p>The member secretary is in the process of updating the cross referred standard.</p> <p>The committee may further decide on the wide circulation of the draft after updating the cross referred standard.</p> <p>The committee decided to wide circulate the standard for 2 months time and</p>		


Sl No	Item*	Decision taken during the 25 th Meeting	Action taken	Decision taken during the 27 th Meeting
		<p>simultaneously also send a copy to M/s Ovis Equipments for their comments, if any.</p> <p>Further decision will be taken in consultation with the Chairman MED 08.</p> <p><i>(Action taken after 24th Meeting)</i></p> <p>Cross referred standards are being incorporated and draft will be put up for WC for 2 months within 15 days.</p>		
2	2.1 (2) (i)	<p><u>Merging IS 13219:1992 ‘Rock bolts for mines (cement grouted) – General requirements’ and IS 13517:1992 ‘Rock bolts - Resin type – Specification’</u></p> <p>Shri Md. Niyazi, Director (S&T), DGMS, has informed the committee that he has been working on the draft of the merged standard on rock bolts with Dr. Ranjan Kumar (CIMFR).</p> <p>Also, he will take help from ASTM F432-95 for a better draft standard.</p> <p>The committee decided to update the draft with the latest developments within 45 days.</p> <p><i>Background:</i></p> <p><i>(23rd Meeting)</i></p> <p>The committee formed a panel comprising of the following members:</p>	<p>The draft document Merging IS 13219:1992 ‘Rock bolts for mines (cement grouted) – General requirements’ and IS 13517:1992 ‘Rock bolts - Resin type was received from Mohammed Niyazi Director (S&T), DGMS, Dhanbad vide his email dated 30 Aug 2023, which is attached below:</p> <div style="text-align: center;">  <p>Email_Received_IS 13219 and IS 13512.1</p>  <p>2023-08-28 _DRAFT_Combined_</p> </div>	<p>Committee approved the document for P-Draft for 30 Days. If no comment received, then the document to be sent for wide circulation for 30 days with the approval of the chairperson.</p>

Sl No	Item*	Decision taken during the 25 th Meeting	Action taken	Decision taken during the 27 th Meeting
		<p>1) Md. Niyazi, Director (S&T), DGMS (Convener)</p> <p>2) Dr. Ranjan Kumar (CIMFR)</p> <p>3) Shri Rakesh Singhvi, M/s HZL</p> <p>4) Shri J P Goenka, M/s NMC</p> <p>The committee requested the panel for a revised draft within 8 weeks time.</p> <p>The draft is yet to be received from the panel.</p> <p>Director (S&T), DGMS requested the member secretary to provide the editable word copy of the standards and contact details of the panel members for taking further action.</p> <p><i>(24th Meeting)</i></p> <p>The member secretary provided the editable word copy of the standards and contact details of the panel members vide his mail dated 27-October-2022. Revised draft is awaited.</p> <p>The committee requested DGMS Dir (S&T) to provide a merged standard on rock bolts.</p> <p><i>Action taken after 24th Meeting</i></p> <p>The member secretary provided the editable word copy of the standards and contact details of the panel members vide his mail</p>	<p>The Committee may examine the draft document, discuss and decide. The committee may approve the draft document attached above for circulating to Committee members as preliminary draft for 30 days. If agreed, Committee members are requested to comment on the P-draft as per BIS guidelines and email dated 23 July 2024 regarding commenting on P-Drafts.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  Email_P-draft_comm ents.pdf </div> <div style="text-align: center;">  DG_Letter.pdf </div> </div>	


Sl No	Item*	Decision taken during the 25 th Meeting	Action taken	Decision taken during the 27 th Meeting
		<p>dated 27- October-2022. Also, As informed by Shri Goenka, the other standard on rock bolts is ASTM F432-95 and same has been provided vide his mail dated January 6, 2023. Revised draft is awaited.</p>		
3(i)	<p>2.1 (2) (k)</p>	<p><u>IS 4005:1967 — Specification for tungsten carbide for mining tools</u></p> <p>The draft document after recent formatting and editorial changes will be put for wide circulation within 15 days.</p> <p>The committee has noted the information.</p> <p><i>Background:</i> <i>(23rd Meeting)</i></p> <p>The committee decided to revise the composition of the panel as given below:</p> <ol style="list-style-type: none"> 1. Md. Niyazi, Director (S&T), DGMS (Convener) 2. Shri M P Ambalavanan, M/s NLC 3. Ms. Aswini Vaidya, M/s Sandvik 4. Mr. Raja Rajan, M/s Epiroc. <p>The committee requested the panel for a revised draft within 8 weeks time.</p> <p>The revised draft standard of IS 4005:1967 is awaited.</p>	<p>The draft document for revision of IS 4005:1967 was wide circulated on 11-07-2023 for 2 months (Document No. MED/08/22862 TUNGSTEN CARBIDE FOR MINING TOOLS - SPECIFICATION) .</p> <p>The last date for receiving comments on the draft document is over and no comments have been received till date.</p> <p>The committee may please approve the document for printing.</p>	<p>Committee requested M.S. to send the WC document for review to . Ms. Aswini Vaidya of M/s Sandvik and Shri Raja Rajan of M/s Epiroc for review and providing comments, if any within 7 days.</p> <p>The committee approved that if no comments for any change are received from Ms. Aswini Vaidya and Shri Raja Rajan within 7 days after sending the email, then the draft document shall be directly sent for printing.</p>

Sl No	Item*	Decision taken during the 25 th Meeting	Action taken	Decision taken during the 27 th Meeting
		<p>Director (S&T), DGMS requested the member secretary to provide the editable word copy of the standards and contact details of the panel members for taking further action.</p> <p>- Email id of SANDVIK- aswini.vaidya@sandvik.com</p> <p>- Mob. No. of Mr. Raja Rajan (Epiroc)- 9172594883</p> <p>-M P Ambalavanan, Email id- dgm.mech.card@nclindia.com; Mob- 9443051288</p> <p><i>(24th Meeting)</i></p> <p>Director (S&T), DGMS vide hi mail dated 16-November-2022 recommended that the standard in its present form is acceptable and no further changes are required.</p> <p>The committee may further decide on wide circulation of the draft provided by Director (S&T), DGMS.</p> <p>The committee decided to wide circulate the document for 2 months time.</p> <p>Further decision will be taken in consultation with the chairman MED 08.</p> <p><i>(Action taken after 24th Meeting)</i></p>		

Sl No	Item*	Decision taken during the 25 th Meeting	Action taken	Decision taken during the 27 th Meeting
		<p>The draft document after recent formatting and editorial changes will be put for wide circulation within 15 days.</p> <p>Further decision will be taken in consultation with the chairman MED 08.</p>		
3(ii)		<p><u>Revision of IS 9239: 1999:</u></p> <p>WINDING IN MINES SHEAVES CAST SPECIFICATION</p> <p><u>The document was vide circulated on 30.05.2022 for 60days.</u></p>	<p>The draft document for revision of IS 4005:1967 was wide circulated on 11-07-2023 for 2 months (Document No. <u>MED/08/19661</u> IS 9239: 1999</p> <p>WINDING IN MINES SHEAVES CAST SPECIFICATION).</p> <p>The last date for receiving comments on the draft document is over and no comments have been received till date.</p> <p>The committee may please approve the document for printing.</p>	Committee approved the document for printing.

Sl No	Item*	Decision taken during the 25 th Meeting	Action taken	Decision taken during the 27 th Meeting
4	2.1 (3)	<p><u>NWIP: “Cage suspension gears used in koepe winder”</u></p> <p>Shri J.P. Goenka has informed the committee that the draft has been pending for a very long time for Koepe Winder. Also, he has agreed to share past developments with panel members.</p> <p>Chairman Sir has also requested that the panel members expedite the work on the draft standard and also include one member from TATA or UCIL in the committee.</p> <p>The committee requested that the panel convene the meeting for the formulation of the standard on Koepe Winder.</p> <p><i>Background:</i></p> <p><i>(23rd Meeting)</i></p> <p>The committee decided to reformulate the panel consisting of</p> <ol style="list-style-type: none"> 1) Shri Rakesh Singhvi (Convener) 2) Shri S K Manjhi 3) Shri J P Goenka 4) Shri M K Singh <p>The committee requested the panel to provide a draft standard within 3 months time.</p> <p>Shri Rakesh Singhvi vide his mail dated 18-August-2022 informed that he is drafting the standard and will be able to provide in due course of time.</p>	<p>Draft Document for Standard is still awaited. Email dated 26th July 2024 is sent to the panel in this regard.</p> <div style="text-align: center;">  Email_Koepe Winders.pdf </div> <p>The Committee may also suggest the name of the member to be added in the panel from TATA or UCIL as per last committee meeting.</p> <p>The Committee may please discuss and decide further actions.</p>	<p>Committee reformulated the panel as follows:</p> <ol style="list-style-type: none"> i) Shri Rakesh Singhvi, M/s HZL (convenor) ii) Shri Surajit Dey, CIMFR iii) Shri J P Goenka, Nanda Millar Company iv) A representative from M/s Tata Steel Limited. iv) A representative from M/s UCIL <p>The Committee requested the panel to take the subject on priority and provide working draft at the earliest.</p>


Sl No	Item*	Decision taken during the 25 th Meeting	Action taken	Decision taken during the 27 th Meeting
		<p>Shri Rakesh Singhvi informed the committee that he has been working on the draft. He requested the committee for 3 months time.</p> <p>The committee agreed to the request of Shri Singhvi.</p> <p>(24th Meeting)</p> <p>Shri Rakesh Singhvi may provide further updates on the development of draft.</p> <p>The committee decided to reformulate the panel as:</p> <ol style="list-style-type: none"> 1) Shri Rakesh Singhvi (Convener) 2) One member from TATA or UCIL 3) Shri J P Goenka 4) Shri Surajit Dey <p>The committee requested the panel to convene the meeting for the formulation of the standard on Kope Winder.</p> <p><i>Action taken after 24th Meeting</i></p> <p>Draft is still awaited for the formulation of the standard on Kope Winder.</p>		

Sl No	Item*	Decision taken during the 25 th Meeting	Action taken	Decision taken during the 27 th Meeting
5	2.1 (11)	<p><u>NWIP: ‘Diesel Engine Systems For Underground Coal Mines: Explosion Protected’.</u></p> <p>The committee decided to reformulate the panel as below:</p> <ol style="list-style-type: none"> 1) Shri Vijay Barapatre, Dy. Director (Mech.), DGMS Western Zone, Nagpur - Convener 2) Shri Upender Rapolu, Dy. Director (S&T), DGMS, HQ 3) Shri CH. V.R.S. Prasada Rao, BEML 4) Shri Reji Jose, M/s Caterpillar 5) Shri U.J. Dhanapaul from M/s Ovis Equipment 6) Shri Malay Kumar Jana, Dy. Director, Electric Headquarter, Dhanbad <p>The committee decided to contact Shri CH. V.R.S. Prasada Rao from BEML for the South African Standard and also requested the member secretary to find any other standard pertaining to this subject and provide it to the panel.</p> <p>The committee requested that the panel convene the meeting for the formulation of the standard on Diesel Engine Systems For Underground Coal Mines: Explosion Protected.</p> <p><i>Background:</i></p> <p><i>(23rd Meeting)</i></p>	<p>Draft Document for Standard is still awaited.</p> <p>Email dated 26-07-2024 sent to the Committee Members in this regard.</p> <div style="text-align: center;">  Email_Battery.pdf </div> <p>The Committee may please discuss and decide further actions.</p>	<p>The Committee reformulated the panel as follows:</p> <ol style="list-style-type: none"> 1) Shri SH M Arumugam, Director (Mech) and Shri Rajkumar, Director (Electrical) of Directorate General of Mines Safety, Dhanbad (Jointly as Convener) 2) Shri G. Venkat Rangarao, Dy. Director (Mech.), DGMS HQ/EZ. 3) Shri Upender Rapolu, Dy. Director (S&T), DGMS, HQ 4) Shri CH. V.R.S. Prasada Rao, BEML (Shri H. G. Suresh is substitute member) 5) Shri Reji Jose, M/s Caterpillar 6) Shri U.J. Dhanapaul from M/s Ovis Equipment 7) Mr. Dhondiram Mole of Automotive Research Association of India, Pune and along with one more Representative from ARAI. <p>The Committee requested the panel to take the subject on priority, do panel meetings and provide working draft at the earliest.</p>




Sl No	Item*	Decision taken during the 25 th Meeting	Action taken	Decision taken during the 27 th Meeting
		<p>The committee revised the composition of the panel as given below:</p> <ol style="list-style-type: none"> 1) Shri Vijay Barapatre, Dy. Director (Mech), DGMS, HQ- Convener 2) Shri Arun Kumar, Dy. Director (S&T), DGMS, HQ 3) Shri CH. V.R.S. Prasada Rao, BEML 4) Shri Reji Jose, M/s Caterpillar 5) One member from M/s Ovis Equipment <p>The committee requested the member secretary to arrange the relevant AS/NZ standards in one month time.</p> <p>BEML also informed that they can arrange South African standards (SANS).</p> <p>The committee decided to take further action once all the standards are arranged.</p> <p>The member secretary vide his mail dated 16-June-2022 informed Shri M Arumugam about the procurement of the standard.</p> <p>The convener proposed a panel meeting within 2 weeks time for the development of the standard.</p> <p>The committee agreed to the proposal of the convener.</p>		




Sl No	Item*	Decision taken during the 25 th Meeting	Action taken	Decision taken during the 27 th Meeting
		<p><i>(24th Meeting)</i></p> <p>The panel meeting is yet to be organized.</p> <p>The committee opined to contact M/s BEML for the South African Standard. Meanwhile the committee also requested member secretary to provide an editable word copy of the Australian standard.</p> <p>The committee also decided to co-opt the following members in the panel:</p> <p>the document for printing.</p> <p>The committee requested the panel to convene the meeting for the drafting of the standard.</p> <p><i>(Action taken after 24th Meeting)</i></p> <p>Editable word file of Australian standard AS 3584-2 : 2021 Diesel Engine Systems For Underground Coal Mines Part 2: Explosion Protected is attached below.</p> <div data-bbox="405 1156 464 1218" data-label="Image"> </div> <p>Australian Standard AS 3584 (Final).docx</p> <p>South African standards (SANS) from BEML is still awaited.</p>		

Sl No	Item*	Decision taken during the 25 th Meeting	Action taken	Decision taken during the 27 th Meeting
		The committee may discuss and decide on further action.		
6	4.3	<p><u>‘Revision of IS 9011:1978 — Specification for Skip Suspension Gear for Winding in Mines’</u></p> <p>Shri Vijay Barapatre has informed the committee that after contacting various industries, he has found that Skip suspension gears are not being used widely in the industry and there is no further revision required in the standard IS 9011:1978.</p> <p>Being a pre 2000 standard the committee decided to propose the revision draft after editorial changes for review.</p> <p><i>Background:</i></p> <p><i>(23rd Meeting)</i></p> <p>The committee revised the panel composition as given below:</p> <ol style="list-style-type: none"> 1) Shri J P Goenka (Convener) 2) Shri Atul Sharma, M/s MOIL 3) Shri Rakesh Singhvi, M/s HZL 4) Shri Surajit Dey, CIMFR 	<p>IS 9011:1978 has been allotted for review as Action Research Project (ARP) to BIS officer Shri Kush Sharma, Sc-D with due date for submission 31-10-2024.</p> <p>Further actions may be taken after receiving ARP report from the officer.</p> <p>Committee may please note the information and also may discuss and decide further actions.</p>	The committee note the information.

Sl No	Item*	Decision taken during the 25 th Meeting	Action taken	Decision taken during the 27 th Meeting
		<p>The committee requested the panel for a revised draft within 2 months of time.</p> <p>The draft revised standard is yet to be received from the panel.</p> <p>The committee decided to first study the current industry practices and then decide for the revision of the standard. In this regard inputs on a standard format may be collected from the different user industry for study of existing practices and future demand. (24th Meeting)</p> <p>The committee requested Shri Vijay Barapatre to provide further details from the industry for the revision of IS 9011.</p> <p>Shri Barapatre agreed to the request of the committee.</p>		
7	4.4	<p><u>‘Revision of IS 12488:1988 — Haulage Rope Cappel Specification’</u></p> <p>The revised draft document is in the final stage of printing and ready for gazette.</p> <p>The committee has noted the information.</p>	<p>The document (revised IS 12488:2023) has been published. The Committee may please note the information.</p> <p style="text-align: center;">  IS 12488_2023.pdf </p>	The committee noted the information.

Sl No	Item*	Decision taken during the 25 th Meeting	Action taken	Decision taken during the 27 th Meeting
8	6.1	<p>‘IS 9192 (Specification for flameproof hand — Held rotary electric drilling machine for use in mines)’</p> <p>A copy of the draft standard IS 9192 has been received from DGMS Hyderabad through Shri M Arumugam, Director (Mech.), SCZ, Hyderabad.</p> <p>The committee decided to send the draft for printing.</p>	<p><i>The finalized document (Document No. <u>MED/08/20486</u>) is at present in the process for Publication. Once it is published, the committee will be informed.</i></p> <p><i>The committee may note the information.</i></p>	The committee noted the information.
9	7.1 (2)	<p>Transfer of IS 12635 : 2000, IS 7209:1974 & IS 9026 : 2004 from MED 21 to MED 08:</p> <p>The committee had decided to transfer IS 12635 : 2000, IS 7209:1974 & IS 9026 : 2004 from MED 21 to MED 08.</p> <p>The committee MED 08 also agreed to the revised scope of MED 21 and no comments/feedback were provided.</p> <p>The matter will be put up for Division council approval.</p> <p>The committee has noted the information.</p>	<p>The matter will be put up for Division council approval.</p> <p>The committee may note the information.</p>	The committee noted the information.

Sl No	Item*	Decision taken during the 25 th Meeting	Action taken	Decision taken during the 27 th Meeting
		<p><i>Background</i></p> <p><i>(23rd Meeting)</i></p> <p>Diamond Core and Water Well Drilling Sectional Committee, MED 21 has proposed to transfer two standards to the committee MED 08. The details of the standards are:</p> <ol style="list-style-type: none"> 1) IS 7209: 1974 - General requirements for blast hole drilling rigs 2) IS 12635 : 2000 Water well drilling and blast hole drilling - Rock roller bit with non - Sealed ball and roller bearing arrangement - Technical supply conditions (First Revision) 3) IS 9026 : 2004- Rope threaded percussive long - Hole drilling equipments - Specification (First Revision) <p>A copy of the standard is also attached below:</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  IS 12635.pdf </div> <div style="text-align: center;">  IS 7209.pdf </div> </div> <div style="display: flex; justify-content: center; align-items: center; margin-top: 20px;"> <div style="text-align: center;">  IS 9026.pdf </div> </div>		

Sl No	Item*	Decision taken during the 25 th Meeting	Action taken	Decision taken during the 27 th Meeting
		<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  IS 12635.pdf </div> <div style="text-align: center;">  IS 7209.pdf </div> </div> <div style="text-align: center;">  IS 9026.pdf </div> <p>The committee confirmed the transfer of IS 7209:1974 from MED 21 to MED 08.</p> <p>For IS 12635 and IS 9206, the committee decided to circulate the standards to all the members of the committee for their confirmation of the transfer to the member secretary within 14 days time.</p> <p>The committee may confirm the transfer of IS 12635:2000 and 9026:2004.</p> <p>The committee requested the chairman and the alternate chairman to review the standards IS 12635:2000 and IS 9026:2004 and suggest the member secretary accordingly within one month time.</p> <p>The chairman and the alternate chairman agreed to the request of the committee.</p> <p><i>(24th Meeting)</i></p> <p>The committee may confirm about the transfer of subject from MED 21 to MED 08.</p>		

Sl No	Item*	Decision taken during the 25 th Meeting	Action taken	Decision taken during the 27 th Meeting
		<p>A mail was sent dated 18-November -2022.</p> <p>The committee MED 21 is also revising its scope as:</p> <p>“Formulation of standards for diamond core drilling equipment surface exploratory drilling rigs and equipment including diamond core drilling/non-core drilling, and water well drilling rigs including their accessories. It also includes codes of practice for drilling and boring operations.”</p> <p>MED 21 requested MED 08 for feedback which was circulated by the member secretary vide his mail dated 14-September-2022.</p> <p>The committee may provide its feedback to MED 21.</p> <p>Shri M Arumugam vide his mail dated 03-January-2023 confirmed the transfer of IS 12635 : 2000 & IS 9026 : 2004 from MED 21 to MED 08.</p> <p>The committee MED 08 also agreed to the revised scope of MED 21 and no comments/feedback were provided.</p>		
10	6.1	<p>Transfer of IS 7974 (Part 1) : 1976, IS 7974 (Part 2) : 1977 and IS 7974 (Part 3) : 1976 to WRD:</p>	<p>Follow up will be done with WRD and the status will be updated in next TC meeting.</p>	<p>The committee noted the information.</p>

Sl No	Item*	Decision taken during the 25 th Meeting	Action taken	Decision taken during the 27 th Meeting
		<p>For the transfer of IS 7974 (Part 1) : 1976, IS 7974 (Part 2) : 1977 and IS 7974 (Part 3) : 1976, the matter will be put up in Division council meeting of MED and WRD for their approval.</p> <p>Committee has noted the information.</p> <p>Background:</p> <p>(23rd Meeting)</p> <p>While reviewing the program of work, the member secretary came across the following three standards which may not pertain to MED:</p> <ol style="list-style-type: none"> 1) IS 7974 (Part 1) : 1976 - Graphical symbols for use on detailed maps plans and geological cross sections Part 1 general rules of representation 2) IS 7974 (Part 2) : 1977 - Graphical symbols for use on detailed maps plans and geological cross sections Part 2 representation of sedimentary rocks 3) IS 7974 (Part 3) : 1976 - Graphical symbols for use on detailed maps plans and geological cross sections Part 3 Representation of magnetic rocks <p>In view of the above, the member secretary proposes to withdraw the above referred standards.</p> <p>The committee agreed to the proposal of the</p>	<p>Committee may please note the information.</p>	

Sl No	Item *	Decision taken during the 25 th Meeting	Action taken	Decision taken during the 27 th Meeting
		<p>member secretary and decided to withdraw the three standards.</p> <p><i>(24th Meeting)</i></p> <p>The member secretary observed that the relevant committee dealing with the subject matter is WRD 05. Hence the standards were recommended for the transfer from MED 08 to WRD 05.</p> <p>The committee agreed to the proposal of the member secretary and decided to transfer IS 7974 (Part 1) : 1976, IS 7974 (Part 2) : 1977, IS 7974 (Part 3) : 1976 to WRD from MED 08.</p>		
11	7.1 (2)	<p>Revision of IS 8166: 1988 , IS 8421 : 1977 , IS 12464 : 1988 ,IS 13282 : 1991 ,IS 14567 : 1998 :-</p> <p>The Committee discussed and decided to send the document for printing.</p> <p><i>Background:</i></p> <p><i>(23rd Meeting)</i></p> <p>Following drafts were reviewed by Shri Goenka and a revised draft has been provided:</p> <p>1) IS 8166: 1988 - Specification for rotary drill bits for drilling principally in coal</p>	<p>The Document for printing are in process. Once revised Standard will be published, the Committee will be informed.</p>	<p>The committee noted the information.</p>

Sl No	Item*	Decision taken during the 25 th Meeting	Action taken	Decision taken during the 27 th Meeting
		<p>(First Revision)</p> <p>2) IS 8421 : 1977 - Specification for hydraulic props</p> <p>3) IS 12464 : 1988 - Methods of test for roof bars used in mines</p> <p>4) IS 13282 : 1991 - Mine haulage tracks - Track sleepers - General requirements</p> <p>5) IS 14567 : 1998 - Winding in mines - Design of cages - Guideline</p> <p><i>(24th Meeting)</i></p> <p>The committee decided to wide circulate the 05 documents for 02 months' time for public commenting.</p> <p>Further decisions will be taken in consultation with the chairman MED 08.</p> <p><i>Action taken after 24th Meeting:</i></p> <p>The documents were wide circulated for 02 months' time. No comments have been received.</p>		

Sl No	Item*	Decision taken during the 25 th Meeting	Action taken	Decision taken during the 27 th Meeting
12	4.2	<p>Proposal from MED 10 to transfer the standards on Cage suspension gear (all parts of IS 7587) from MED 08 to MED 10 :</p> <p>In the 25th meeting of Wire Ropes and Wire Products Sectional Committee, MED 10, the committee proposed to transfer the standards on Cage suspension gear (all parts of IS 7587) from MED 08 to MED 10. Please find list of all parts of IS 7587-</p> <p>IS 7587 (Part 1) : 2020 Cage Suspension Gear for Winding in Mines Part 1 General Requirements (Second Revision)</p> <p>IS 7587 (Part 2) : 2006 (Reviewed In : 2022) Cage suspension gear for winding in mines - Specification: Part 2 cappels (First Revision)</p> <p>IS 7587 (Part 3) : 2006 (Reviewed In : 2022) Cage suspension gear for winding in mines - Specification: Part 3 shackles and pins (First Revision)</p> <p>IS 7587 (Part 4) : 2006 (Reviewed In : 2022) Cage suspension gear for winding in mines - Specification: Part 4 bridle chains (First Revision)</p> <p>IS 7587 (Part 5) : 2006 (Reviewed In : 2022) Cage suspension gear for winding in</p>	<p>Email dated 26.07.2024 has been sent to members of MED 10 to attend this meeting of MED 08 on 02.08.2024.</p> <p>The committee may please discuss and decide further actions.</p>	<p>No member from MED 10 attended the meeting. The committee decided that after getting the further clarification from MED 10, decision will be taken in this matter.</p>

Sl No	Item*	Decision taken during the 25 th Meeting	Action taken	Decision taken during the 27 th Meeting
		<p>mines - Specification: Part 5 distribution plates (First Revision)</p> <p>IS 7587 (Part 6) : 2006 (Reviewed In : 2022) Cage suspension gear for winding in mines - Specification: Part 6 safety detaching hooks (4 Plates Type) 80 and 100 kN capacity (First Revision)</p> <p>IS 7587 (Part 7) : 2017 (Reviewed In : 2022) Cage suspension gear for winding in mines - Specification: Part 7 safety detaching hook (4 Plate Type) 120, 150 and 200 kN capacity (First Revision)</p> <p>IS 7587 (Part 8) : 1993 (Reviewed In : 2018) Winding in mines - Suspension gear: Part 8 clivey hook suspension arrangements</p> <p>Decision in 25th Meeting of MED 08:</p> <p>The committee expressed its concern that most of the experts related to these standards are part of the MED 08 committee.</p> <p>The committee decided to ask for a valid reason for transferring these standards from MED 08 to MED 10, and also that at the next meeting, members from MED 10 should be invited for fruitful discussion.</p>		

*The Item number refers to the proceedings of the 26th or 25th Meeting of MED 08.

Item 5 RESEARCH PROJECT TO BE TAKEN UP FOR INCLUSION OF EMPIRICAL DATA AND INSIGHTS

BIS has recognized the importance of including research to generate empirical data in its standardization process for the development of Indian standards. Decision making without evidence can be challenging, and it may result in dropping some crucial projects related to standard-making. In this regard, empirical data can help the committee to make informed decisions on such issues. By incorporating research-based empirical data, the standardization process can become more evidence-based, accurate, and effective, ultimately leading to the development of better and more relevant Indian standards. This type of project may be granted to experts in the relevant field. The committee may deliberate on this topic and identify standards that require empirical data for their development or revision

Guidelines for research project and new provision for providing financial assistance/ honorarium are attached here for reference.

[Circular.pdf](#) , [R&D Guidelines.pdf](#)

The Committee noted the information.

ITEM 5 COMPOSITION OF THE SECTIONAL COMMITTEE

5.1 The following directions have been received from the Competent Authority of the Bureau for reviewing the composition of the Sectional Committee:

- a) Major Government purchasing organizations like DGS and DRDSO, CPWD, Defence etc are to be given representation in the committees wherever applicable.
- b) Examine the justification and need for continuation of a member in an individual capacity who is continuing for more than six years in a sectional committee.
- c) New members are to be co-opted who are expected to contribute to emerging new technology.
- d) In case a representative of the concerned organization is not attending the meeting regularly or not continuing even by correspondence, the organization may be informed for substituting their member.
- e) Members who are represented in individual capacity, the continuation of their membership is to be considered on the basis of their past attendance and contribution.
- f) Efforts should be made to include representatives of different product segments as per the scope of the committee.

The Committee noted the information.

5.2 As per directive of the Ministry of Consumer Affairs, Food and Public Distribution, Govt. of India, which is the Controlling Ministry of the Bureau that the composition of Sectional Committees be reviewed to replace the persons who are continuing for longer periods,

to co-opt the members/organizations which are capable of contributing in emerging new technologies and new areas of work and strength of the manufacturers should be restricted to **1/3** of the total strength of the Technical Committees.

The Committee noted the information.

5.3 As per the decision taken by the Controlling Ministry, the composition of all sectional committees is to be reviewed periodically after a period of three years and efforts are to be made to keep the strength of the committee optimum. New members may be co-opted where necessary. It is desired to have functionally efficient, vibrant and participant technical committees. The Committee may deliberate about the continuance of those members who are neither attending the meeting, nor contributing to the work of the committee by way of sending comments. Nomination of such members may be recommended for withdrawal to Mechanical Engineering Division Council (MEDC).

The Committee noted the information.

5.4 The present composition of the Mining Techniques and Equipment Sectional Committee, MED 08 is given at **Annex A**. The list shows the attendance of the members in the last three consecutive meetings.

The Committee noted the information.

5.5 No co-option request other than as mentioned in Sl. No. 3 of item 4.1 received in MED 08.

The Committee noted the information.

5.6 Committee requested to MS to send nomination Performa to Central Mine Planning & Design Institute Limited.

5.7 Committee requested to MS to follow up Shri Soumendhu Manjhi of Tata Steel Limited, Dhanbad, If they not interested, then removed him.

5.8 Committee requested to MS to send nomination Performa for co-option of Shri Rakesh Singhvi

ITEM 6 DRAFT STANDARDS STAGES

6.1 Documents in WC-Stage

S.No	Document Number and IS No.	Document Title	Doc Type	Document Stage	Last Action Date	Current Status
1	MED/08/20456 IS 9171: 1979	CODE OF PRACTICE FOR MAINTENANCE AND USE OF FRICTION AND HYDRAULIC PROPS AND LINK BARS	Revision	WC-Draft	12-09-2022	See Sl. No. 2(i) item 4.1 above
2	MED/08/20644 IS 8473: 1988	ROOF BARS USED IN MINES SPECIFICATION	Revision	WC-Draft	06-10-2022	See Sl. No. 2(i) item 4.1 above
3	MED/08/22869 IS 9999: 1981	SAFETY REQUIREMENTS FOR DIESEL LOCOMOTIVES USED IN MINES - SPECIFICATION	Revision	WC-Draft	02-08-2023	See Sl. No. 1 item 4.2
4	MED/08/20507 IS 13618: 1993	MINE HAULAGES DIRECT ROPE 50 TO 150 kW GENERAL REQUIREMENTS First Revision of IS 13618	Revision	Finalization	06-03-2024	See Sl. No. 2(i) item 4.1 above
5	MED/08/19661 IS 9239: 1999	WINDING IN MINES SHEAVES CAST SPECIFICATION Second Revision of IS 9239	Revision	WC-Draft	30-05-2022	See Sl. No. 3(ii) item 4.2 above
6	MED/08/21737 IS 8421: 1977	HYDRAULIC PROPS SPECIFICATION First Revision of IS 8421	Revision	WC-Draft	10-01-2023	See Sl. No. 11 item 4.2
7	MED/08/20462 IS 12527: 1988	GENERAL REQUIREMENTS FOR RIDERS FOR BUCKETS USED IN SHAFT SINKING OPERATIONS IN MINES	Revision	WC-Draft	12-09-2022	See Sl. No. 2(i) item 4.1 above
8	MED/08/20458 IS 10046: 1981	DOG SPIKES FOR MINE HAULAGE TRACKS SPECIFICATION	Revision	WC-Draft	12-09-2022	See Sl. No. 2(i) item 4.1 above

9	MED/08/21522 IS 10202: 1982	SCRAPERS USED IN MINES - SPECIFICATION	Revision	WC-Draft	03-01-2023	See Sl. No. 2(i) item 4.1 above
10	MED/08/20457 IS 9910: 1981	METHOD FOR BRAZE STRENGTH TESTING OF COAL AND ROCK CUTTING TOOLS WITH LAID-ON TUNGSTEN- CARBIDE TIPS	Revision	WC-Draft	12-09-2022	See Sl. No. 2(i) item 4.1 above
11	MED/08/20453 IS 8066: 1976	MINE CARS SPECIFICATION	Revision	WC-Draft	12-09-2022	See Sl. No. 2(i) item 4.1 above
12	MED/08/20643 IS 10970: 1984	KEPS FOR MINE CAGES SPECIFICATION	Revision	WC-Draft	06-10-2022	See Sl. No. 2(i) item 4.1 above
13	MED/08/22862 IS 4005: 1967	TUNGSTEN CARBIDE FOR MINING TOOLS - SPECIFICATION	Revision	WC-Draft	11-07-2023	See Sl. 3(i) item 4.2
14	MED/08/20463 IS 14352: 1996	MINERS SAFETY GOGGLES SPECIFICATION	Revision	WC-Draft	12-09-2022	See Sl. No. 2(i) item 4.1 above
15	MED/08/21735 IS 8166: 1988	ROTARY DRILL BITS FOR DRILLING PRINCIPALLY IN COAL SPECIFICATION	Revision	WC-Draft	10-01-2023	See Sl. No. 15 item 4.2
16	MED/08/20461 IS 12450 : Part 1: 1988	STEEL HEADFRAMES FOR MINES PART 1 PRINCIPLES OF LOAD COMPUTATION AND APPLICABLE FACTORS OF SAFETY	Revision	WC-Draft	12-09-2022	See Sl. No. 2(i) item 4.1 above

The Committee noted the information.

6.2 Documents in Printing-Stage

S.No	Document Number and IS No.	Document Title	Doc Type	Document Stage	Last Action Date
------	-------------------------------	----------------	-------------	-------------------	------------------

1	MED/08/20486 IS 9192: 1979	FLAMEPROOF HAND-HELD ROTARY ELECTRIC DRILLING MACHINE FOR USE IN MINES SPECIFICATION	Revision	Ready for Gazette	25-06-2024
2	MED/08/21744 IS 14567: 1998	WINDING IN MINES DESIGN OF CAGES GUIDELINES First Revision of IS 14567	Revision	Ready for Gazette	25-06-2024
3	MED/08/21738 IS 12464: 1988	METHODS OF TEST FOR ROOF BARS USED IN MINES	Revision	Ready for Gazette	25-06-2024
4	MED/08/21740 IS 13282: 1991	MINE HAULAGE TRACKS TRACK SLEEPERS GENERAL REQUIREMENTS First Revision of IS 13282	Revision	Ready for Gazette	25-06-2024
5	MED/08/18003 IS 8534 : Part 1: 2017 IS 8534 : Part 2: 1995 IS 8534 : Part 3: 1995 IS 8534 : Part 4: 1995 IS 8534 : Part 5: 2005 IS 8534 : Part 6: 1995	MINE TUB COUPLINGS AND DRAWBARS FOR USE IN MINES	Revision	Ready for Gazette	26-10-2023

The Committee noted the information.

ITEM 7 REVIEW AND REAFFIRMATION OF INDIAN STANDARDS

7.1 Review of Pre-2000 standards

As per the directions of competent authority of BIS, it has been decided to take up the review and revision of Pre-2000 standards, The Pre-2000 standards of MED 08 are as following, for committee consideration.

S. No	IS No.	Document Title	Document Stage	Last Action Date	Current Status
1	IS 9171: 1979	CODE OF PRACTICE FOR MAINTENANCE AND USE OF FRICTION AND HYDRAULIC PROPS AND LINK BARS	WC-Draft	12-09-2022	See Sl. No. 2(i) item 4.1 above
2	IS 8473: 1988	ROOF BARS USED IN MINES SPECIFICATION	WC-Draft	06-10-2022	See Sl. No. 2(i) item 4.1 above
3	IS 9999: 1981	SAFETY REQUIREMENTS FOR DIESEL LOCOMOTIVES USED IN MINES - SPECIFICATION	WC-Draft	02-08-2023	See Sl. No. 1 item 4.2
4	IS 13618: 1993	MINE HAULAGES DIRECT ROPE 50 TO 150 kW GENERAL REQUIREMENTS First Revision of IS 13618	Finalization	06-03-2024	See Sl. No. 2(i) item 4.1 above
5	IS 9239: 1999	WINDING IN MINES SHEAVES CAST SPECIFICATION Second Revision of IS 9239	WC-Draft	30-05-2022	See sl. No. 3(ii) of item 4.2
6	IS 8421: 1977	HYDRAULIC PROPS SPECIFICATION First Revision of IS 8421	WC-Draft	10-01-2023	See Sl. No. 15 item 4.2
7	IS 12527: 1988	GENERAL REQUIREMENTS FOR RIDERS FOR BUCKETS USED IN SHAFT SINKING OPERATIONS IN MINES	WC-Draft	12-09-2022	See Sl. No. 2(i) item 4.1 above

8	IS 10046: 1981	DOG SPIKES FOR MINE HAULAGE TRACKS SPECIFICATION	WC-Draft	12-09-2022	See Sl. No. 2(i) item 4.1 above
9	IS 10202: 1982	SCRAPERS USED IN MINES - SPECIFICATION	WC-Draft	03-01-2023	See Sl. No. 2(i) item 4.1 above
10	IS 9910: 1981	METHOD FOR BRAZE STRENGTH TESTING OF COAL AND ROCK CUTTING TOOLS WITH LAID-ON TUNGSTEN-CARBIDE TIPS	WC-Draft	12-09-2022	See Sl. No. 2(i) item 4.1 above
11	IS 8066: 1976	MINE CARS SPECIFICATION	WC-Draft	12-09-2022	See Sl. No. 2(i) item 4.1 above
12	IS 10970: 1984	KEPS FOR MINE CAGES SPECIFICATION	WC-Draft	06-10-2022	See Sl. No. 2(i) item 4.1 above
13	IS 4005: 1967	TUNGSTEN CARBIDE FOR MINING TOOLS - SPECIFICATION	WC-Draft	11-07-2023	See Sl. 3 item 4.2
14	IS 14352: 1996	MINERS SAFETY GOGGLES SPECIFICATION	WC-Draft	12-09-2022	See Sl. No. 2(i) item 4.1 above

15	IS 8166: 1988	ROTARY DRILL BITS FOR DRILLING PRINCIPALLY IN COAL SPECIFICATION	WC-Draft	10-01-2023	See Sl. No. 15 item 4.2
16	IS 12450 : Part 1: 1988	STEEL HEADFRAMES FOR MINES PART 1 PRINCIPLES OF LOAD COMPUTATION AND APPLICABLE FACTORS OF SAFETY	WC-Draft	12-09-2022	See Sl. No. 2(i) item 4.1 above
17	IS 9192: 1979	FLAMEPROOF HAND-HELD ROTARY ELECTRIC DRILLING MACHINE FOR USE IN MINES SPECIFICATION	Ready for Gazette	25-06-2024	See item 6.2 above
18	IS 14567: 1998	WINDING IN MINES DESIGN OF CAGES GUIDELINES First Revision of IS 14567	Ready for Gazette	25-06-2024	See item 6.2 above
19	IS 12464: 1988	METHODS OF TEST FOR ROOF BARS USED IN MINES	Ready for Gazette	25-06-2024	See item 6.2 above
20	IS 13282: 1991	MINE HAULAGE TRACKS TRACK SLEEPERS GENERAL REQUIREMENTS First Revision of IS 13282	Ready for Gazette	25-06-2024	See item 6.2 above
21	IS 8534 : Part 2: 1995	Mine tub couplings and drawbars: Part 2 C - Link and D - Shackle type	Ready for Gazette	26-10-2023	See item 6.2 above

22	IS 8534 : Part 3: 1995	Mine tub couplings and drawbars: Part 3 R - Shackle and link type	Ready for Gazette	26-10-2023	See item 6.2 above
23	IS 8534 : Part 4: 1995	Mine tub couplings and drawbars: Part 4 F - Shackle and link type	Ready for Gazette	26-10-2023	See item 6.2 above
24	IS 8534 : Part 6: 1995	Mine tub couplings and drawbars: Part 6 hook and D - Shackle type	Ready for Gazette	26-10-2023	See item 6.2 above
25	IS 13219 : 1992	Rock bolts for mines (Cement Grouted) - General requirements	Pls See sl. No. 2 of item 4.2		
26	IS 13230 : 1992	Graphical symbols for use on mine plans	Pls See sl. No. 2(ii) of item 4.1		
27	IS 13517 : 1992	Rock bolts - Resin type - Specification	Pls See sl. No. 2 of item 4.2		
28	IS 5114 : 1969	Specification for reflectorized signs for mines	Pls See sl. No. 2(ii) of item 4.1		
29	IS 7587 : Part 8 : 1993	Winding in mines - Suspension gear: Part 8 clivey hook suspension arrangements	Pls See sl. No. 1 of item 4.1		
30	IS 9011 : 1978	Specification for skip suspension gear for winding in mines	Pls See sl. No. 6 of item 4.2		
31	IS 9123 : 1979	Specification for battery locom - Otives for use in mines	Pls See sl. No. 3 of item 4.1		

The Committee noted the information.

7.1 Post 2000 Standards due for review:

S.No.	IS Number	IS Title	Last Reaffirmation Year
1	IS 15838 : Part 1 to 10 : 2008	Mining - Glossary of terms (Amalgamating of IS 4791 : 1968, IS 4792 : 1968, IS 4863 :1968, IS 5028 1 1969, IS 5307 : 1968, IS 5767 : 1970, IS 5768 : 1970, IS 5814 : 1970, IS 5940 : 1979 AND IS 7580 : 1975)	November, 2018
2	IS 8003 : 2008	Wheel axle assemblies for mine cars - Specification (First Revision)	November, 2018
3	IS 17241 : 2019	Man Riding Car by Rope Haulage System for Transportation of Persons in Mines	New Standard
4	IS 17242 : 2019	Man Riding Chair Lift System for Transportation of Persons in Mines	New Standard
5	IS 7577 : 2020 Reviewed In : 2020	Gas Testing Flame Safety Lamps — Specification (Second Revision)	2020
6	IS 7587 (Part 1) : 2020	Cage Suspension Gear for Winding in Mines Part 1 General Requirements (Second Revision)	New Standard Published in Jan 2025

Committee discussed the above standards and approved the standards mentioned above for reaffirmation.

ITEM 8 SELECTIONS OF SUBJECTS

As per the policy and guidelines, before any new subject is taken up for formulation of National Standard the following issues are to be examined by BIS.

- a) Whether the subject is financed by the proposer;
- b) Sale ability of the standard;
- c) Standards shall be user friendly; and
- d) Social needs with regards to safety, health and environment.

Only after assessing the above aspects will it be possible for BIS to consider the formulation of the Indian standard. The proposal should essentially be taken in the prescribed Performa given in **Annex B**. When members propose in the Technical Committee (TC) meeting, they have to fill-in the Performa beforehand which is then considered by the TC.



ANNEX-B-MED
08-SY.docx

ANNEX-B

The Committee noted the information.

ITEM 9 PROGRAMME OF WORK

9.1 The programme of work of MED 08 may be accessed through the following link. The committee has formulated **68** Indian Standards:

https://www.services.bis.gov.in/php/BIS_2.0/bisconnect/pow_details



POW-MED-08.pdf

POW-MED-08

The Committee noted the information.

9.2 Status of Standards under BIS Product Certification Scheme.

SI No.	IS No.	No. of Licences
1)	IS 7577 : 2020 — Gas Testing Flame Safety Lamps — Specification (<i>second revision</i>)	01

The Committee noted the information.

ITEM 10 INTERNATIONAL ACTIVITIES

10.1 India is having membership on following ISO TC 82 committees related to MED 08:

The Committee noted the information.

10.2 The list of ISO Standards published by ISO/TC 82 and its subcommittees are given in **Annex 1**. The committee may review ISO Standards published and identify the Standards for possible adoption as Indian Standards or inputs can be taken for revising the existing Indian Standards.

<https://www.iso.org/committee/50164/x/catalogue/p/1/u/0/w/0/d/0>

<https://www.iso.org/committee/5052041/x/catalogue/>

The Committee noted the information.

10.3 India is a ‘P’ member of ISO/TC 82-Mining. Being P-member, it is obligatory for India to vote on all the documents. The comments from the members are compiled and sent to the Chairman for approval for voting. All the members and the Chairman are requested to take prompt action on the circulated documents for voting as voting is time bound.

Effective participation in ISO activities is crucial for our nation as we have a significant stake in international trade and ISO standards. Therefore, it is essential that the committee participates effectively and thoroughly examines ISO ballots with respect to their relevance. If the ballot is relevant to us, the committee should nominate experts to represent our nation in ISO meetings. This will help to ensure that our national interests are well-represented and safeguarded in the international arena. Currently, no ballots (where India is ‘P’ member):

The Committee noted the information.

ITEM 11 BIS COMMITTEES OF THE YEAR AWARDS

To recognize the significant contribution and outstanding performance of a BIS Sectional Committee or Subcommittee in the development of Indian Standards these awards have been started. Any Sectional Committee or Sub-Committee of BIS would be eligible for the award. The award shall be given to one of the Sectional Committees or Subcommittees under each Divisional Councils on an annual basis. Nomination for the award can be submitted by any Sectional committee/Sub-Committee (by the Chairperson or a Member). Nominations should be submitted to the Member Secretary of the Committee by 30 April of the year in the prescribed form.

The selection shall be based on the following criteria:

- The size and portfolio of the committee’s work, including of any work plan

- Management of current work program with priority setting, development of need based standards having high degree of relevance, ensuring timelines of standard development
- Timely review & up-dating of standards
- Number of standards published
- Good meeting dynamics with - timely meetings, ensuring adequate agenda items and good level of participation of members.
- Good coordination & communication internally with reporting by a subordinate committee.
- Promotional activities of committee work through workshops, conferences, seminars and trainings
- Contributions to international standards activities
- Specific achievements that are outstanding in nature including any committee level innovations.

The award shall comprise of a plaque and a certificate which shall be presented on the occasion of World Standards Day celebration each year to be received by the Committee Chairperson/Convener or a member or it's Member Secretary.

The Committee noted the information.

ITEM 12 LETTER OF APPRECIATION TO COMMITTEE MEMBERS

Objective: To recognize significant contributions of members of technical committees in developing standard(s) that can be considered to be a major development in the subject area and in national/international standardization.

Any individual can be nominated in his/her capacity as a member of a Committee/Subcommittee/panel including their Chairperson/Convener. Candidates may be nominated by fellow members, by the Chairperson/Convener or Member Secretary of the relevant technical committee in the prescribed form.

The person nominating shall consider those individuals who have made significant contribution in an important recent standardization project. The following aspects shall be considered while recommending for letter of appreciation:

- a) Leadership in initiating a project.
- b) Technical inputs provided on standard(s) developed including during preparation of the draft standard.
- c) Draft document(s) developed (new Indian Standards/revision of existing Indian Standards).
- d) Technical comments/inputs provided on ISO/IEC documents/deliverables or major contributions made in developing International Standards.
- e) Exceptional contributions in leading standardization projects at national/international level.
- f) Initiatives taken/contributions in standards promotion work through workshops, conferences, seminars and training.

The Committee noted the information.

ITEM 13 NATIONAL AND INTERNATIONAL LEVEL EVENTS TO BE PARTICIPATED IN

BIS has envisaged participation in events organized at national and international level as these events showcases the latest trends in the field of standardization and technological advancements. Considering the importance of these events committee may please suggest such event where participation of BIS can benefit development of national standards.

Please *see* ITEM 3 also.

Committee may please discuss and suggest some National/International events related to committee.

The Committee noted the information.

ITEM 14 SCIENTIFIC JOURNALS AND PERIODICALS TO BE SUBSCRIBED

BIS has taken a new initiative to subscribe to scientific journal and periodicals relevant to committee work. It is also envisaged that relevant articles from these journal and periodicals are shared with members of sectional committee.

Committee members may please suggest important journals and magazines that may benefit this committee.

The Committee noted the information.

Item 15 CREATION OF POOL OF EXPERTS

As part of its initiative to develop a pool of experts for standardization activities, BIS has established standardization chairs in technical institutes of national repute, including IITs, NITs, and others. In addition, BIS plans to establish standardization cells in various manufacturer's associations to further this effort. By tapping into the knowledge and skills available in the country, this initiative can assist BIS in developing more effective and technically sound standards. This approach can also ensure that technical experts are linked with the National Standards Body to foster a high-quality ecosystem in India.

The Committee noted the information.

Item 16 RESEARCH PROJECT TO BE TAKEN UP FOR INCLUSION OF EMPIRICAL DATA AND INSIGHTS

BIS has recognized the importance of including research to generate empirical data in its standardization process for the development of Indian standards. Decision making without evidence can be challenging, and it may result in dropping some crucial projects related

to standard-making. In this regard, empirical data can help the committee to make informed decisions on such issues. By incorporating research-based empirical data, the standardization process can become more evidence-based, accurate, and effective, ultimately leading to the development of better and more relevant Indian standards. This type of project may be granted to experts in the relevant field.

The committee may deliberate on this topic and identify standards that require empirical data for their development or revision.

The Committee noted the information.

ITEM 17 GUIDELINES FOR INTENSIFYING PARTICIPATION OF STAKEHOLDERS IN BIS TECHNICAL COMMITTEE MEETING

17.1 Guidelines for payment of TA/DA to members of BIS Technical Committees under BIS Funds are shown in **Annex C**.



ANNEX-C-MED
08-SY.docx

[ANNEX-C](#)

The Committee noted the information.

17.2 Extracts from the Standards Formulation Manual of BIS regarding the guidelines for participation in the Technical Committee work of BIS is given in **Annex D**.



ANNEX-D-MED
08-SY.docx

[ANNEX-D](#)

The Committee noted the information.

ITEM 18 NEW INITIATIVES IN STANDARDIZATION

DOWNLOADING OF INDIAN STANDARDS (FREE OF COST)

In order to encourage 'Ease of Doing Business' as well as promote the use of Indian Standards, BIS has decided that the Indian Standards

except those adopted from other International Standards bodies may be made available free of cost to the users for non-commercial purposes. The adopted standards from standards developing organisations (SDOs) and all other Indian Standards intended to be used for commercial purposes may be continued to be made available for a price as per existing guidelines.

The Committee noted the information.

NATIONAL INSTITUTE FOR TRAINING IN STANDARDIZATION (NITS)

The training schedule of the training offered by National Institute for Training in Standardization (NITS), NOIDA is available on BIS website www.bis.gov.in.

The Committee noted the information.

BIS ACTIVITIES ON SOCIAL MEDIA

BIS is now active on Social Media. The links have been provided on the BIS website.

The Committee noted the information.

ONE NATION ONE STANDARD

Bureau of Indian Standards (BIS), the National Standards Body of India, has developed more than 20000 Indian Standards across 15 sectors covering various aspects of the economy. There are several other government entities in sectors such as railways, defence, space, and nuclear energy applications etc. publishing standards for their own use. In addition, there are Standards Developing Organizations (SDOs) and Regulatory bodies with their expertise overlapping with BIS, which are also developing standards in different domains. Apart from this, leading overseas private standards bodies have set up Indian offices/chapters to promote the use of their standards among Indian industry. This multiplicity of standards has resulted in multiplicity of conformity assessment schemes. There are instances of the same product being subjected to multiple certification as mandated by different Ministries/regulators. This leads to confusion among industry, consumers and purchase organisations as to which standards should be followed and adds to the cost of certification. Such situations are not desirable and are in contradiction to ease of doing business. It also defeats the very purpose of standardisation and results in wastage of resources due to parallel efforts. In order to increase the 'Ease of Doing Business', it is important to tackle the issue of multiplicity of standards. Considering that the convergence of standards is of decisive strategic importance to the future of Indian economic growth story, BIS has taken active steps to promote "One Nation One Standard", with BIS, the National Standards Body, functioning as the umbrella organisation steering India's standardisation efforts. As mandated by the BIS Act, 2016, BIS would be recognizing and synergizing the efforts of SDOs to develop standards as per good practices and six principles of international standardisation outlined by WTO and by recognizing these standards formulated by SDOs/Regulators as Indian Standards. BIS has

prepared a draft scheme for recognition of SDOs, which was circulated among the SDOs for their comments. Comments received are being examined for necessary modifications in the scheme, if any. In this regard, two consultative meetings of SDOs were held on 09 August 2019 and 02 December 2019.

The Committee noted the information.

MEMORANDUM OF UNDERSTANDING WITH EMINENT INSTITUTES

Bureau of Indian Standards (BIS), has signed Memorandum of Understanding (MoU) with the following institutes of eminence for collaboration in the field of standardisation and conformity assessment:

- a) Indian Institute of Technology, Delhi.
- b) Indian Institute of Technology, Bombay.
- c) Indian Institute of Technology, Kanpur.
- d) Indian Institute of Technology, Madras.
- e) Harcourt Butler Technical University, Kanpur.
- f) Northern India Textile Research Association, Ghaziabad.
- g) Indian Institute of Technology, Roorkee.

The Committee noted the information.

ITEM 19 UNECE GENDER RESPONSIVE STANDARDS DECLARATION

Bureau of Indian Standards is a signatory to the UNECE Gender Responsive Standards Declaration. The UNECE Gender Responsive Standards Initiative aims to provide a practical framework for standards bodies seeking to make the standards they develop, and the standards development process they follow, gender responsive. Established in 2016, the Initiative has the objectives of:

- a) Strengthening the use of standards and technical regulations as powerful tools to attain SDG 5 (Achieve Gender Equality and Empower all Women and Girls);
- b) Integrating a gender lens in the development of both standards and technical regulations; and
- c) Elaborating gender indicators and criteria that could be used in standards development.
- d) In line with these objectives, BIS aims to work towards:
- e) Gender responsive standards;
- f) Gender balance at all levels in all Committees including leadership positions; and
- g) Enhanced expertise to create and deliver gender inclusivity.

The Committees are requested to work in tandem with these aims to create a gender balance environment in all walks of life through standards.

The Committee noted the information.

ITEM 20 ACCESSIBILITY

A request was received from the Department of Empowerment of Persons with Disabilities, Government of India to include additional requirements in the relevant Indian standards that will help/assist the specially-abled person under the Accessible India Campaign (AIC).

The Committee noted the information.

ITEM 21 DATE AND PLACE FOR THE NEXT MEETING

The Committee will have decided later.

ITEM 22 ANY OTHER BUSINESS WITH PERMISSION OF CHAIR

Discussion on List of subjects for Standardization received from Ministry of Coal:

Advisor from Ministry of Coal have informed about the list of subjects/ systems, they have sent for standardization. He informed that for safety and efficiency of mining machinery and area, standardization of the systems as a whole would also be required and beneficial. The M.S. informed that list received from Ministry of coal contains subjects / products dealt by various technical departments and technical committees of BIS. With respect to Mechanical Engineering department, the topics mentioned are pertaining mostly to MED 07 Earth Moving Machinery and MED 08 Mining Machinery. Moreover, for some of the products mentioned in the list, Indian standards already exist and they can be searched using “Know your standard” feature available on BIS website and can be downloaded also from the website. The Chairperson agreed that has advised that Ministry of coal should do a meeting with all concerned technical departments of BSI for detailed discussion on the subjects.

ATTENDANCE SHEET

ANNEX A
(Clause 3.3)

27th Meeting of Mining Techniques and Equipment Sectional Committee, MED 08
(02-08-2024)

Members Present

SI No.	Organization	Member	Email	Contact No.
1.	Directorate General of Mines Safety, Dhanbad	Mr. Saifullah Ansari (<i>Chairperson</i>)	dirsnt.hq@gmail.com	9923633603
2.	Automotive Research Association of India, Pune	Shri Dhondiram Mole	mole.nvh@araiindia.com	9822262277
3.	Automotive Research Association of India, Pune	Shri Milind Kandalkar	kandalkar.nvh@araiindia.com	--
4.	BEML Limited, Bengaluru	Shri H. G. Suresh	gdu@beml.co.in	9916792869
5.	CSIR - Central Institute for Mining and Fuel Research, Dhanbad	Shri Surajit Dey	surajitdey@cimfr.nic.in	9431160729
6.	Directorate General of Mines Safety, Dhanbad	Shri M Arumugam	marumugam@dgms.gov.in	9406333313
7.	Eastern Coalfields Limited, Dishergarh	Shri Sarvesh Kumar	hodenm.ecl@coalindia.in	9034795422
8.	Eastern Coalfields Limited, Dishergarh	Shri Ajay Bhowmik	ajoy.bhowmik@coalindia.in	9434795297
9.	Eimco Elecon (India) Limited, Vallabh Vidyanagar	Shri Ram Ramesh Kale	rrkale@eimcoelecon.in	6357422462
10.	Hutti Gold Mines Company Limited, Bengaluru	Dr. Prabhakar Sangoormath	prabhakar_sangurmath@rediffmail.com	9880947988

11.	Indian Institute of Technology (ISM), Dhanbad	Shri L. A. Kumaraswamidhas	lakdhas1978n@gmail.com	7070123206
12.	Metso Outotec India Private Limited, Vadodara	Shri Sandeep Deokisan Bhattad	sandeep.bhattad@mogroup.com	9319090788
13.	Nanda Millar Company, Kolkata	Shri J.P. Goenka	nmc@nandagroup.com	9830090461

INVITEES:

Sl No.	Organization	Member	Email	Contact No.
1.	HZL	Rakesh Singhvi	rakesh.singhvi11@gmail.com	--
2.	Caterpillar	Reji Jose	josekr@gmail.com	--
3.	Adviser, Ministry of Coal	Shri Anand Prasad	advp.moc@nic.in	--

Annex 1

List of Standard in the ISO/TC 82

SI No.	Standard and/or project under the direct responsibility of ISO/TC 82 Secretariat
1	ISO 610:1990 High-tensile steel chains (round link) for chain conveyors and coal ploughs
2	ISO 710-1:1974 Graphical symbols for use on detailed maps, plans and geological cross-sections — Part 1: General rules of representation <i>Adopted by IS 7974 (Part 1) : 1976/ ISO 710-1</i>
3	ISO 710-2:1974 Graphical symbols for use on detailed maps, plans and geological cross-sections — Part 2: Representation of sedimentary rocks <i>Adopted by IS 7974 (Part 2) : 1977/ ISO 710-2</i>
4	ISO 710-3:1974 Graphical symbols for use on detailed maps, plans and geological cross-sections — Part 3: Representation of magmatic rocks <i>Adopted by IS 7974 (Part 3) : 1976/ ISO 710-3</i>
5	ISO 710-4:1982 Graphical symbols for use on detailed maps, plans and geological cross-sections — Part 4: Representation of metamorphic rocks
6	ISO 710-5:1989 Graphical symbols for use on detailed maps, plans and geological cross-sections — Part 5: Representation of minerals
7	ISO 710-6:1984 Graphical symbols for use on detailed maps, plans and geological cross-sections — Part 6: Representation of contact rocks and rocks which have undergone metasomatic, pneumatolytic or hydrothermal transformation or transformation by weathering
8	ISO 710-7:1984

	Graphical symbols for use on detailed maps, plans and geological cross-sections — Part 7: Tectonic symbols
9	ISO 721:1991
	Rock drilling equipment — Integral stems
10	ISO 722:1991
	Rock drilling equipment — Hollow drill steels in bar form, hexagonal and round
11	ISO 723:1991
	Rock drilling equipment — Forged collared shanks and corresponding chuck bushings for hollow hexagonal drill steels
12	ISO 1082:1990
	Mining — Shackle type connector units for chain conveyors
13	ISO 1717:1974
	Rock drilling — Rotary drill-rods and rotary drill-bits for dry drilling — Connecting dimensions
14	ISO 1718:1991
	Rock drilling equipment — Drill rods with tapered connection for percussive drilling
15	ISO 1721:1974
	Rock drilling — Extension drill-steel equipment for percussive long-hole drilling — Reverse-buttress-threaded equipments 1 1/16 and 1 1/4 in (27 and 32 mm)
16	ISO 1722:1974
	Rock drilling — Extension drill-steel equipment for percussive long-hole drilling — Reverse-buttress-threaded equipments 1 1/2 to 2 1/2 in (38 to 64 mm)
17	ISO 3154:1988
	Stranded wire ropes for mine hoisting — Technical delivery requirements
18	ISO 3155:1976
	Stranded wire ropes for mine hoisting — Fibre components — Characteristics and tests
19	ISO 3156:1976
	Stranded wire ropes for mine hoisting — Impregnating compounds, lubricants and service dressings — Characteristics and tests
20	ISO 3551-1:1992
	Rotary core diamond drilling equipment — System A — Part 1: Metric units
21	ISO 3551-2:1992

	Rotary core diamond drilling equipment — System A — Part 2: Inch units
22	ISO 3552-1:1992
	Rotary core diamond drilling equipment — System B — Part 1: Metric units
23	ISO 3552-2:1992
	Rotary core diamond drilling equipment — System B — Part 2: Inch units
24	ISO 5612:1990
	Mining — Scraper bars for chain conveyors
25	ISO 5613:1984
	Mining — Drive sprocket assemblies for chain conveyors
26	ISO 5614:1988
	Locked coil wire ropes for mine hoisting — Technical delivery requirements
27	ISO/TR 8865:1990
	Mining — Guidance on methods of verifying dimensions of sprocket assemblies for chain conveyors
28	ISO 8866:1991
	Rotary core diamond drilling equipment — System C
29	ISO 8866:1991/Cor 1:1991
	Rotary core diamond drilling equipment — System C — Technical Corrigendum 1
30	ISO 8866:1991/Cor 2:1992
	Rotary core diamond drilling equipment — System C — Technical Corrigendum 2
31	ISO 10097-1:1999
	Wireline diamond core drilling equipment — System A — Part 1: Metric units
32	ISO 10097-2:1999
	Wireline diamond core drilling equipment — System A — Part 2: Inch units
33	ISO 10098:1992
	Wireline diamond core drilling equipment — System CSSK
34	ISO 10207:1991
	Rock drilling equipment — Rope threaded drill steel equipment for percussive drilling, nominal sizes 22 mm to 38 mm
35	ISO 10207:1991/Cor 1:1991

	Rock drilling equipment — Rope threaded drill steel equipment for percussive drilling, nominal sizes 22 mm to 38 mm — Technical Corrigendum 1
36	ISO 10208:1991
	Rock drilling equipment — Left-hand rope threads
37	ISO 18758-1:2018
	Mining and earth-moving machinery — Rock drill rigs and rock reinforcement rigs — Part 1: Vocabulary
38	ISO 18758-2:2018
	Mining and earth-moving machinery — Rock drill rigs and rock reinforcement rigs — Part 2: Safety requirements
39	ISO 19224:2017
	Continuous surface miners (CSM) — Safety requirements
40	ISO 19225:2017
	Underground mining machines — Mobile extracting machines at the face — Safety requirements for shearer loaders and plough systems
41	ISO 19225:2017/Amd 1:2019
	Underground mining machines — Mobile extracting machines at the face — Safety requirements for shearer loaders and plough systems — Amendment 1
42	ISO 19296:2018
	Mining — Mobile machines working underground — Machine safety
43	ISO 19426-1:2018
	Structures for mine shafts — Part 1: Vocabulary
44	ISO 19426-2:2018
	Structures for mine shafts — Part 2: Headframe structures
45	ISO 19426-3:2018
	Structures for mine shafts — Part 3: Sinking stages
46	ISO 19426-4:2018
	Structures for mine shafts — Part 4: Conveyances
47	ISO 19426-5:2018
	Structures for mine shafts — Part 5: Shaft system structures

48	ISO 19426-7:2021
	Structures for mine shafts — Part 7: Rope guides
49	ISO 19434:2017
	Mining — Classification of mine accidents
50	ISO 19434:2017/Amd 1:2019
	Mining — Classification of mine accidents — Amendment 1
51	ISO 22932-1:2020
	Mining — Vocabulary — Part 1: Planning and surveying
52	ISO 22932-2:2020
	Mining — Vocabulary — Part 2: Geology
53	ISO 22932-3:2023
	Mining – Vocabulary — Part 3: Rock mechanics
54	ISO 22932-4:2023
	Mining — Vocabulary — Part 4: Prospecting and exploration
55	ISO 22932-5:2023
	Mining — Vocabulary — Part 5: Drilling and blasting
56	ISO 23872:2021
	Mining structures — Underground structures
57	ISO 23875:2021
	Mining — Air quality control systems for operator enclosures — Performance requirements and test methods
58	ISO 23875:2021/Amd 1:2022
	Mining — Air quality control systems for operator enclosures — Performance requirements and test methods — Amendment 1

SI No.	Standard and/or project under the direct responsibility of ISO/TC 82/SC 7 Secretariat(6)
1	ISO 20305:2020
	Mine closure and reclamation — Vocabulary
2	ISO/WD 20305

	Mine closure and reclamation — Vocabulary
3	ISO 21795-1:2021
	Mine closure and reclamation planning — Part 1: Requirements
4	ISO 21795-2:2021
	Mine closure and reclamation planning — Part 2: Guidance
5	ISO 24419-1:2023
	Mine closure and reclamation – Managing mining legacies — Part 1: Requirements and recommendations
6	ISO/TR 24419-2:2023
	Mine closure and reclamation – Managing mining legacies — Part 2: Case studies and bibliography