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भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS

MEETING	DAY & DATE	TIME
<p style="text-align: center;">28th Meeting of Sewing Machine Sectional Committee, MED 29</p> <p style="text-align: center;">(Hybrid Mode)</p> <p style="text-align: center;">Research & Development Centre For Bicycle & Sewing Machines</p> <p style="text-align: center;">Address: B-38-39, Phase-V, Focal Point, Ludhiana-141010 (INDIA)</p>	26-27 Dec 2023	14.30 Hrs

CHAIRPERSON: Shri Rakesh Pathak, General Manager, M/s Research & Development Centre for Bicycle and Sewing Machine, Ludhiana (ex-officio)

MEMBER SECRETARY: Ms. Khashboo Kumari, Scientist 'D'/ Joint Director, Mechanical Engineering Department, Bureau of Indian Standards, Delhi

Please refer to **Annex-A** for the list of members present during the meeting.

ITEM 0 WELCOME AND OPENING REMARKS

0.1 Shri R.R Singh, Head (Mechanical Engineering Department), extended a hearty welcome to the members present in the 28th meeting of Sewing Machines Sectional Committee, MED 29. He enlighten the members about the major reforms in standard formulation activity. He reminded that most of the standards in this committee are old and need to be revised or withdrawn if no longer used. He urged the members to review the standards pertaining to this committee. At last he hoped for a fruitful discussion on the agenda points.

0.2 Shri Rakesh Pathak, Chairperson MED 29 extended a hearty welcome to the members present in the 28th meeting of Sewing Machines Sectional Committee, MED 29. He requested the committee members to expedite the pending drafts and provide their comments timely. He further emphasized the committee members to adhere to timeline, for revision and formulation of standards under the scope of MED 29.

ITEM 1 CONFIRMATION OF THE MINUTES OF THE LAST MEETING

The comments of Shri Prashant Agrawal was discussed and the committee formally confirmed the minutes of the 27th meeting of MED 29 held on 27 Sept 2023.

Background:

The document was wide-circulated vide letter bearing reference MED 29/T-24 dated 17 Ma 2022. The last date of comment was 16 Apr 2022. No comment has been received on the document.

The Committee requested Shri Ashish Gupta of M/s Usha International and Shri Surjeet Singl of R&D Centre to review the additional terminologies that may be added as proposed by M^S for incorporation within 15 days.

The revised draft will be circulated to the committee for 15 days and the document shall be sent for printing in consultation with the Chairman.

Reminder sent dated 14 Dec 2022. Further, the document is being discussed in the pane meetings held on 19 Dec 2022 and 16 Jan 2023. Response awaited

Mr Viswas Mehta and Mr Ashish Gupta agreed to provide the draft within 15 days.

27th Meeting decision

The committee decided to again send a reminder. No feedback received.

Action taken

The M.S via her mail date **06.12.2023** send a reminder to the Panel members for their recommendation on IS 6903. No comments have been received yet. The document has been attached below:



WCMED719156_170
32022_1 (1).pdf

The committee may kindly discuss and decide.

28th Meeting decision

The committee requested Shri Vishwas Mehta of R&D centre and Shri Ashish Gupta of M/s ORAA International to provide the draft at the earliest. The draft once received will be send to committee members for 7 days comments. If no comments are received the same shall be sent into printing in consultation with the Chairperson MED 29.

5.2 MED 29 (19238) Sewing machine needles for household purposes — Specification (Revision of IS 2181)

In table at SI No. 8 The committee decided to write to M/s Brother India for HAX1 size 19 and 21 whether they are manufactured or used or not. Shri Ashish Gupta M/s Usha International agreed to contact M/s Groz Beckert, Chandigarh for inputs and respond to the panel within a week.

The Committee directed the panel to finalise the draft within one week post confirmation of comments from M/s Brother India and M/s Groz Beckert, Chandigarh.

Response Awaited

The Committee may please consider and decide.

Background:

The document was wide circulated vide letter bearing reference MED 29/T-6 dated 29 Mar 2022. The last date of comment was 28 May 2022. The comments received from Shri Anup Chandra from Gandhinagar and MS were disposed of as follows:

Sl No.	Clause/Sub-clause/para/table/figure/No. commented	Commentator/Organization/Abbreviation	Type of Comments (General/Editorial/Technical)	Justification	Proposed change	Committee Decision	Action Taken
1.	Title	BIS	Technical	Rename title to make concise and meaningful.	Household sewing machine needles Specification	The comment was accepted.	Incorporated in draft document
2.	4.1.1	BIS	Editorial		4.1.1 Typical compositions of two types of steel suitable for needle are given in Table 1.	The comment was accepted.	Incorporated in draft document
3.	Table 2, (vii)	AC	Technical	Tolerance	Tolerance (+)0.05 (-) 0	The comment was accepted.	Incorporated in draft document
4.	Table 2, (vii) & (viii)	AC	Technical	(vii) G, (viii) H should be shown in figure		The committee noted G & H are shown in fig. A clear figure will be provided by the Panel.	Incorporated in draft document
5.	Table 2, (ix) & x)	AC	Technical	(ix) I and x) J should be shown in figure		The committee noted I & J are shown in fig. A clear figure will be provided by the Panel.	Incorporated in draft document
6.	Table 2 (xi) and 9.2.1	AC	Technical	Bend add cl 9.2 in table		The Committee corrected the bend of the size 18 needle as 0.38.	Incorporated in draft document
7.	Table 2 (xii)	AC	Technical	Add IS 1501 in table		The comment was not accepted as there is no reference to IS 1501	Comment not accepted.

						(Part 1) / ISO 6507-1 is given in clause 5 (Hardness).	
8.	Table 2 & 3	BIS	Technical	MS enquired that in the Bend test (9.2.1), tolerance is given for needle sizes 19 and 21, however in Amnd 1 the needle size 19 and 21 were removed. Why?	Add needle size 19 and 21.	Members informed that these needle sizes are not prevalent. The Committee decided to add needle size 19 and 21. The Panel will provide tolerance for these sizes.	Reminder sent to panel on 14 Dec 2022 Response awaited. Write to Brother India for HAx1 size 19 and 21 whether they are manufactured or used or not. Shri Ashish Gupta to contact M/s Groz Beckert, Chandigarh for inputs and respond to panel within a weeks time.
9.	7.1	AC	Technical	Designated as per needle size, fig 1 or fig 2 , cl 8.2	Needle 14 SS IS 2181 Fig 2	The comment was accepted and decided to add a point of the needle (SS, RS, and LB) in designation.	Incorporated in draft document
10.	8.2	BIS	Technical	Reword the following	The shape of the point of the needles shall be as under:	The comment was accepted.	Incorporated in draft document

11.	AC	Technical		Add annex A of IS 3290	The comment was not accepted as list of standards components is not required.	Incorporated in draft document
12.	BIS	Technical	Sampling and its related annex may be added as given in original standard.	Add clause 10 on Sampling and Annex B	The comment was accepted.	Incorporated in draft document

Comment in table at SI No. 1-7, 9-12 The committee noted the information.

Comment in table at SI No. 8 The committee will decide.

[20230109_MED29_IS2181\(19238\)_WC0.1.docx](#)

The Committee requested the Panel to provide the draft revision within 2 weeks and finalised the document to be sent for printing. It approved MS to make editorial correction, if any.

[20221214_MED29_ITEM4.4.pdf](#)

During the last meeting, Mr Ashish kindly agreed to provide the details. The document to be again circulated for 15 days time, if no comments received, it will be finalized for printing in consultation with chairman.

27th Meeting decision

Mr Ashish kindly agreed to provide the details. The document to be again circulated for 15 days time, if no comments received, it will be finalized for printing in consultation with chairman.

Action taken

Draft from Shri, Ashish Gupta was received. The draft was circulated to the committee members via mail dated **07 Dec 2023**. Last date for comment is 22 Dec 2023. No comment has been received as on date.

The final draft for printing has been enclosed below:



WC MED29_IS 2181
(1).pdf

The committee may kindly finalize the document for printing.

28th Meeting decision

The committee finalized the document for printing.

5.3 MED 29 (19245) Industrial Bag Stitching Machine — Specification (Revision of IS 11737)