



भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS

MINUTES

| MEETING | DAY & DATE | TIME |
|---|--------------------|------------------|
| 29th Meeting of Sewing Machine Sectional Committee, MED 29 (Hybrid Mode) Physical Meeting(Research Development Centre For Bicycle and Sewing Machines, Address: B-38-39, Phase-V, Focal Point, Ludhiana, Punjab, India | 17 May 2024 | 10:30 Hrs |

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

MEMBER SECRETARY: Shri Shubham Tiwari, Scientist 'C'/ Deputy Director, Mechanical Engineering Department, Bureau of Indian Standards, Delhi

ITEM 0 WELCOME AND OPENING REMARKS

0.1 On behalf of Head MED, Member Secretary of MED 29 welcomed all the committee members present in the 29th meeting of MED 29. He requested all the members present to actively deliberate during the discussion of the meeting.

0.2 Shri Rakesh Pathak, Chairperson MED 29 extended a hearty welcome to the members present in the 29th 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. He further advised all the panels formed under this committee to expedite all the pending works.

ITEM 1 CONFIRMATION OF THE MINUTES OF THE LAST MEETING

There being no comments on the minutes of the last meeting, the committee formally confirmed the minutes of the 28th meeting of MED 29 held on 26-27 December 2023.

ITEM 2 Revision of IS 15449 (Part 1 to 4) Household zig - Zag sewing machine Head**Background:**

The Committee decided in-principle to revise the standard. The committee formulated a panel for revision of the document to include latest developments in the product category:

- a) M/s Brother India (Convener);
- b) M/s ORAA International;
- c) Mr Harinderjit, M/s Narindera & Company, Ludhiana;
- d) Mr Prashant, M/s Singer India Limited; and
- e) Mr Ruplal, M/s United Sewing Machines.

Revised draft received from the panel.

The documents were returned to panel after member secretary observation. Feedback from the panel is awaited.

2.1 The following comments have been received from Mr Prashant of M/s Singer India Ltd.

| Sl. No . | Clause/Subclause / para/table/fig. No. commented | Comments | Justification | Proposed change |
|-----------------|---|--|--|---|
| 1 | 3.5 Fly Wheel and Stop Motion Screw | Standard required Stop motion provision to disengage fly wheel from sewing machine by loosening stop motion. This function is used when bobbin winding is done. During bobbin winding fly wheel is rotated which actuates bobbin winder. | Current design of stop motion is based on old Concept where user has to apply good amount to force by hand to loosen stop motion screw. Whereas in upgraded design, sewing mechanism can be disengaged by a clutch which can be actuated simply by moving bobbin winding lever towards wheel pulley. | Revised Standard should say as below. “Each machine shall be fitted with a mechanism to disengage the sewing function during the bobbin winding operation. This can be achieved by providing flywheel designed in such a manner that the wheel can be disengaged from the sewing machine, when required by loosening the stop motion screw, or a clutch mechanism that can disengage |

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| | | | | by moving its lever”. |
| 2 | 3.6 Bobbin Winder | Standard requires Bobbin winder to actuate by friction contact with Fly wheel. In upgraded version, size of fly wheel has been reduced & replaced with a belt pulley. Hence Belt pulley to be added in standard along with fly wheel as an alternate | Rotating fly wheel needs more power to rotate. Upgraded version of Zig Zac machine is fitted with motor. In order to optimize power consumption of motor, fly wheel has been replaced with belt pulley. | Revised Standard should say as below. “A device shall be provided, mounted on the head of the machine, to wind the bobbin, which can be actuated without separate power but by friction contact with the flywheel or with belt pulley. The bobbin winder shall have suitable tension arrangement for controlling the thread to wind it evenly and with proper tension on the bobbin which shall be automatically released or stopped when bobbin is filled to nearly 80 percent of its capacity.” |
| 3 | 3.9 Needle Position Selector | Standard requires that sewing machine shall have 3 needle positions. Left, Center & Right. As we add provisions for more needle positions we have to add more complex mechanism & hence cost will increase. For customers who wish to purchase low cost Zig Zac machine, we can give provision of 2 needle positions & customer who wish to have more features & ready to pay | Zig Zac sewing can be done only when needle will have more than one position. By limiting needle position to 3 we are restricting consumers to have low cost versions or Zig Zac sewing machines at the same time we are restricting having machines with best in class features. So standard should be | Revised Standard should say as below. Zig-zag sewing machines may be provided with a suitable mechanism for changing the needle positions at two or more, while the machine is in operation. The maximum displacement between left and right needle |

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| | | high cost must have option of needle positions even more than 3. Hence standard should be open to allow different options. | futuristic in nature & flexible for allowing future upgradation without calling for its revision, which is a time taking process & no value added. | positions shall be equivalent to the maximum bight width of the machine. |
| 4 | 5 LUBRICATION | Standard required for lubrication of frictional surfaces & bearing. This provision should be having oil orifices & marking OIL on oil orifices. There always remains a chance that machine body will have residue / excess oil on it & this oil can spoil cloth & hence trouble to user. This problem has been addressed in upgraded Zig Zag machines by replacing some frictional cast iron parts to machined steel or high impact plastic parts, from normal bushes to oil impregnated sintered bushes etc.. Machined steel & Plastic parts can remain lubricated for a very long period by application of grease & oil impregnated sintered parts has property of retaining oil in them & does not require any oiling even if part remains dry for a long time. | Oiling Sewing machine by dropping oil via orifices on the body is a very old technology. This always has issues like oil spoiling cloth being sewed on the machine. Using parts made of machined steel or high impact plastic with grease application will have negligible friction. Parts made with Sintered technology have oil impregnation and do not required oiling. These are latest technologies being used in heavy engineering equipment as well. | Revised Standard should say as below. Provision shall be made for ready and proper application of lubricant to bush / bearing and frictional surfaces on machine which shall be indicated in the instruction manual to be supplied along with the machine. Lubricating orifices may also be identified with the word 'OIL' . For machines equipped with oil impregnated sintered bushes or lubricated bearings, there will be no need for provision for lubrication. Other non metallic components or machined steel moving parts can apply grease for smooth operation without the need of oil. |

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|---|--|--|---|--|
| 5 | <p>10. MARKING</p> <p>10.1</p> | <p>Standard requires machine serial number marking by engraving or punching on body. Upgraded machines have plastic cover / body. Serial number engraving or punching on plastic surface is not possible. Provision of mentioning Serial number by printing or by stickering is to be added in standard.</p> | <p>BIS is not asking for Serial Number marking on plastic surface example Standard – IS 4250 :1980 & IS :302 – 1979 for Mixer Grinder is silent about Serial number requirement.</p> <p>Serial number by engraving or embossing is not possible in plastic surface.</p> <p>Upgraded Zig Zac machine has plastic surface. Serial Number marking on upgraded Zig Zac machines can be done by stickers only.</p> | <p>Revised Standard should say as below.</p> <p>10.1 Each machine shall be identified by a name plate or a screen print giving the name of model, manufacturer’s name or trade-mark. The serial number of the machine shall be engraved/punched / printed or stickered prominently on the machine.</p> |
|---|--|--|---|--|

Committee decided to refer the above comment to the panel formulated for the revision of IS 15449(Part 1):2004.

Shri Surjeet Singh, M/s R&D Centre and Shri Ashish Gupta, M/s ORAA International agreed to provide a draft document for Industrial zig-zag sewing machines within three months.

Draft awaited.

The Committee has earlier nominated Mr Surender pal Singh and Mr Vishwas Mehta in place of Mr Surjeet singh of M/s R&D Centre.

Also, a draft ToR for Zig-Zag Sewing Machine Head has been prepared. Pls refer item 4.3.

28th Meeting Decision

The committee deliberated on the agenda point and decided to add representative of R&D Centre, Ludhiana and Member Secretary and rep from United sewing machine association to the Panel.

The committee also opined that IS 15449 (Part 1) shall cover only mechanically and electronically operated zig-zig sewing machine. A different standard shall be prepared for zig-zag embroidery machines.

The committee further decided that the panel shall conduct a meeting and provide the final draft for IS 15449 (Part 1 to 4) to M.S by 15 Jan 2024.

Actions Taken:

1. Panel meeting was held on 7th March 2024. The minutes of panel meeting are attached as follows:

[Minutes_MED29_Panel 2 _7 March 2024 \(1\).docx](#)

2. As per discussion in the panel meeting, Shri Prashant Aggarwal from M/s Singer India limited sent a final copy of IS 15449 (Part 1 to Part 4) vide email dated 3rd April 2024.

[IS_15449_-_Part_1_-_Mechanical___Electronic_Final.docx](#)

[IS_15449_-_Part_2_-_Mechanical___Electronic_Final.docx](#)

[IS_15449_-_Part_3_-_Mechanical___Electronic_Final.docx](#)

[IS_15449_-_Part_4_-_Mechanical___Electronic_Final.docx](#)

3. The following comments were received from M/s Brother (India) vide email dt 3rd April 2024 with regards to the point of Mechanical/Electronic/Computerised usage in the standard.

“The Mechanical and Electronic sewing machine does not/cannot have a needle stop position ability. The Computerized sewing machine has it. The needle stops certain upper or lower position when user press the stop button. The certain upper position makes user to prepare upper thread without touching hand pulley. The certain lower position makes user to continue sewing smoothly like changing direction to sew again. The test pattern description for computerized sewing machine which was shared last November is not added in the updated/revised standard” Along with comments, the following file was attached:

[IS 15449 Part 3 16112023rev1.docx](#)

4. Comments were again received from Shri Mathew Yohannan on April 22, 2024 as attached below:

[COMMENTING TEMPLATE _Part 3_Mathew.docx](#)

5. Following comments were received from Shri Pranay Sriwastav vide email dt 26 April 2024

“For computerized household zig-zag sewing machines, the comments from Janome-san is as under:

1) Electronic sewing machine

This type of sewing machine has a function that allows you to start and stop using a button on your hand (start/stop button), and a function that allows you to adjust the speed to your preference by increasing the maximum speed from slow to gradually faster (speed control lever).

In addition to the above, the needle stop position (highest position, lowest position) can be fixed when the sewing machine is stopped.

The stitches to be made by the cam block mechanism.

2) Computerized sewing machine

In addition to the functions of the above electronic sewing machine, various functions can be automated using computer control with a built-in microcomputer (Main board / A board). In particular, the needle position (zigzag stitch width) and feed amount (stitch

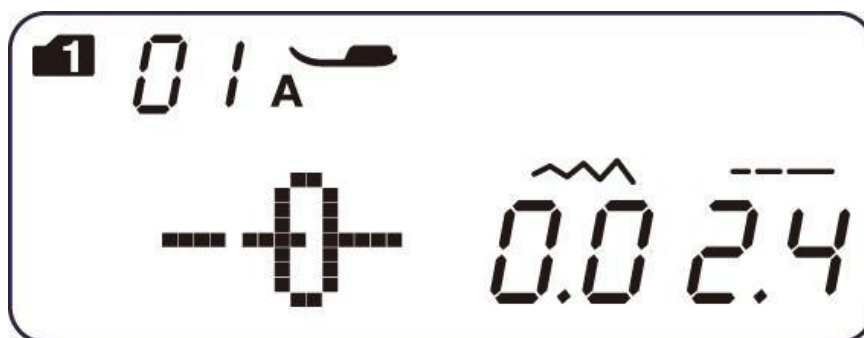
length) to make the patterns are controlled by computer rather than mechanically (cam block unit).

Based on above, we must add 'computerized' sewing machine, i.e., "household zig-zag sewing machine/head which includes Mechanical or Electronically controlled / computerized zig-zag operations.

All other amendments are acceptable for USHA.

For Part 2, suggest replacing zig-zag width photograph (Fig. 5B) with a sketch attached.

He has also attached following figure along with email for reference:



6. Comments were also received from Shri Prashant Agarwal as follows:

“Reply from our side (Singer India Ltd) on requirements given by USHA are as below.

Electronic machine is the one where the mechanical gear mechanism for sewing pre-defined sewing designs is replaced by electronic step motor. This machine can only deliver pre-defined sewing designs & has no capability for programming beyond this.

A computerized sewing machine has to be equipped with a software for programing the machine function, including the sewing functions. Therefore, a computerized machine is necessarily an embroidery machine.

We are of the opinion that adding terminologies like COMPUTERISED is not advisable. We are drafting standard for House Hold Zig Zag sewing machine where machine can deliver pre-programmed sewing patterns.”

7. Comments were also received from Shri Ashish Guptas vide email dt 30 April 2024 as follows:

[draft.docx](#)

8. The modified draft as discussed in the panel meeting dated 7 March 2024 is yei to be received, for **zig-zag embroidery machines, for which it was decided by committee in 28 th TC meeting that a separate Standard will be formed.**

29th Meeting Decision

Shri Mathew Yohannan from M/s Brother International (India) Private Limited, informed the committee about his viewpoints on the finalised draft received and informed that in addition to mechanical zig zag sewing machines, both electronic and computerised sewing machines should be mentioned in the scope defined in Indian Standard IS 15449 (Part 1), as in computerised sewing machine user has the option to select a particular or combination of design for stitching. Shri Prayay Shrivastava from M/s Usha International Limited has also expressed the same opinion. But Shri Prashant Aggarwal from M/s Singer India Limited expressed that models available in the market with marking computerised electronic sewing machine are actually having pre-set menu programmed in the software so user does not have any any option to design any pattern of stitching hence they shall be called electronic sewing machine instead of computerised sewing machine and that would also create less confusion in the mind of Consumers. Shri Ashish Gupta from M/s Oraa International and Mr. Shri Amarpreet Singh Panesar from M/s Virindra Engineering Works, Ludhiana also expressed the same opinion as of Shri Prashant Aggarwal.

*The Committee reached the consensus that in the scope of IS 15449 (Part 1) revision, only Mechanical or Electronically controlled Zig Zag Sewing machine / Head shall be mentioned. **In addition, a note shall be added in Cl. 1 (Scope) of the standard that “ Computerised controlled/ operated Household zig zag sewing machine/Head shall be considered as Electronically operated Household Zig Zag Sewing Machine/Head”.***

The committee agreed for wide circulation of the drafts for revision of IS 15449 (Part 1 to Part 4) received from Shri Prashant Aggarwal from M/s Singer India limited as attached above with modification (Note to be added in scope) as mentioned above for 30 days.

Moreover, the committee asked Shri Suresh Singra from M/s Singer India Limited to provide a finalized draft for zig-zag embroidery machines to the panel within 30 days.

ITEM 3 SCOPE AND COMPOSITION OF COMMITTEE

3.1 Scope - Formulation of standards on sewing machines, sewing machine parts and accessories for household and industrial purposes.

Liaison : ISO TC- 148 (O): *Sewing Machines*

The Committee noted the information.

3.2 Composition of the Sectional Committee

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

- a) Associations of Micro and Small Industries are to be co-opted.
- b) New members are to be co-opted who are expected to contribute to emerging new technology.

- c) Efforts should be made to include representatives of different product segments as per the scope of the Committee.
- d) Major Government purchasing organisations like DGS&D, RDSO, CPWD, Defence etc. are to be given representation in the Committees wherever applicable.
- e) Members who have not attended two consecutive meetings may be considered for removal.

3.2.2 The composition of the Sectional Committee as is given at **Annex-A**.

The Committee noted the information.

ITEM 4 STANDARDS IDENTIFIED TO BE ACHIEVED/ PENDING FOR REVIEW THIS YEAR (2024-25)

ITEM 4.1 LIST OF STANDARDS IDENTIFIED FOR ARCHIVING:

| Sr. No. | IS Number | IS Title | Last Reaffirmation/ Revision Year | Due for Review | Remarks |
|---------|-----------------|--|-----------------------------------|----------------|--|
| 1 | IS 10040 : 1981 | Specification for rotating hooks for sewing machines for industrial use | January, 2022 | January, 2027 | Committee is requested to approve the standard for archiving |
| 2 | IS 11280 : 1996 | Household sewing machines - Feed bars - Specification (First Revision) | January, 2022 | January, 2027 | Committee is requested to approve the standard for archiving |
| 3 | IS 11345 : 1985 | Specification for oscillating shaft crank for sewing machines for household purposes | February, 2021 | February, 2026 | Committee is requested to approve the standard for archiving |
| 4 | IS 11347 : 1995 | Household sewing machines - Shuttle driver - Specification | January, 2022 | January, 2027 | Committee is requested to approve the standard for archiving |
| 5 | IS 12740 : 1989 | Household sewing machines - Stand - Specification | March, 2020 | March, 2025 | Committee is requested to approve the |

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| | | | | | standard for archiving |
| 6 | IS 12798 : 1989 | Household sewing machines - Flywheels - Specification | March, 2020 | March, 2025 | Committee is requested to approve the standard for archiving |
| 7 | IS 1294 : 1989 | Household sewing machines - Bobbins - Specification | March, 2020 | March, 2025 | Committee is requested to approve the standard for archiving |
| 8 | IS 1295 : 1990 | Household sewing machines - Needle bar - Specification | February, 2021 | February, 2026 | Committee is requested to approve the standard for archiving |
| 9 | IS 3375 : 1991 | Household sewing machines - Bobbin case - Specification (Second Revision) | January, 2022 | January, 2027 | Committee is requested to approve the standard for archiving |
| 10 | IS 4181 : 1967 | Specification for feed fork for sewing machines for household purposes | February, 2021 | February, 2026 | Committee is requested to approve the standard for archiving |
| 11 | IS 4188 : 1996 | Household sewing machines - Oscillating shaft - Specification (First Revision) | February, 2021 | February, 2026 | Committee is requested to approve the standard for archiving |
| 12 | IS 4342 : 1967 | Specification for square slider for oscillating rock shaft for sewing machines for household purposes | February, 2021 | February, 2026 | Committee is requested to approve the standard for archiving |
| 13 | IS 4632 : 1968 | Specification for square sliders for stitch regulators for sewing machines for household purposes | February, 2021 | February, 2026 | Committee is requested to approve the standard for archiving |
| 14 | IS 4735 : 1968 | Specification for arm shaft cams for sewing machines for household purposes | February, 2021 | February, 2026 | Committee is requested to approve the standard for archiving |
| 15 | IS | Specification for bobbins for sewing | February, 2021 | February, | Committee is |

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|--|-------------------------|---|----------------|-------------------|--|
| | 8892 : 1978 | machines with rotating hooks for industrial use | | 2026 | requested to approve the standard for archiving |
| | IS 9697 : 16 1980 | Specification for bobbin cases for sewing machines with rotating hooks for industrial use | February, 2021 | February, 2026 | Committee is requested to approve the standard for archiving |

29th Meeting Decision

The committee decided to revise the panel members in Panel 1. The panel details is as follows:

- a) Shri Vishwas Mehta of Research & Development Centre (Convenor)*
- b) Shri Manjeet Singh of M/s Gee Tech Hooks.*
- c) Shri Dinesh Kapila of M/s Navrang Manufacturing Corporation, Ludhiana*
- d) Shri Ashish Gupta of M/s ORAA International*
- e) Shri Suriender Pal Singh of R & D Centre.*
- f) Shri Atul Kumar Seth of M/s Singer India Limited, New Delhi*
- g) Shri Rup Lal Kangla of M/s Usha International Limited, Ludhiana*
- h) Shri Amarpreet Singh Panesar of M/s Virindra Engineering Works*
- i) Shri Vijay Rana of M/s Geminy Enterprise Pvt, Ltd*

The committee requested Panel 1 to review / examine the above mentioned Standards and provide their recommendation for archiving or working draft for revision of Standard within 30 days.

4.2 LIST OF STANDARDS DUE FOR REVIEW IN THIS YEAR (2024-2025)

| S.No. | IS Number | IS Title | Last Reaffirmation Year | Due Date | Decision/Status |
|--------------|--------------------|---|--------------------------------|-----------------|--|
| 1 | IS 12740 : 1989 | Household sewing machines - Stand - Specification | 2020 | March, 2025 | To be archived. <i>See SI No. 5</i> |
| 2 | IS 12789 : 1989 | Household sewing machines - Tables and base | 2020 | March, 2025 | To be Wide Circulated |
| 3 | IS 12798 : 1989 | Household sewing machines - Flywheels - Specification | 2020 | March, 2025 | To be archived <i>See SI No. 6</i> |

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| 4 | IS 1294 : 1989 | Household sewing machines - Bobbins - Specification (Third Revision) | 2020 | March, 2025 | To be archived. <i>See</i> SI No. 7 |
| 5 | IS 1296 : 1989 | Household sewing machine - Presser foot - Specification (Third Revision) | 2020 | March, 2025 | In Publication |
| 6 | IS 13806 : 1993 | Household sewing machine - Closed type shuttle race assembly - Specification | 2020 | March, 2025 | Wide circulated |
| 7 | IS 13825 : 1993 | Household sewing machines - Arm shaft front bush - Specification | 2020 | March, 2025 | Wide circulated |
| 8 | IS 13872 : 1993 | Household sewing machine - Stitch regulators - Specification | 2020 | March, 2025 | Working Draft See Item No. 8.4 SI No. 3 |
| 9 | IS 13972 : 1994 | Household sewing machines - Bobbin winder assembly - Specification | 2020 | March, 2025 | To be Wide circulated |
| 10 | IS 15312 : 2003 | Method of test for seam puckering on materials sewn by industrial sewing machines | 2020 | March, 2025 | To be reaffirmed |
| 11 | IS 15313 : 2003 | Method of test for vibration measurement for industrial sewing machines | 2020 | March, 2025 | To be reaffirmed |
| 12 | IS 15314 : 2003 | Method of tests for tightness and balance of stitches on seam sewn by industrial sewing machines | 2020 | March, 2025 | To be reaffirmed |
| 13 | IS 15449 (Part 1) : 2004 | Household zig - Zag sewing machine head: Part 1 general requirements | 2020 | March, 2025 | To be revised |
| 14 | IS 15449 (Part 2) : 2004 | Household zig - Zag sewing machine head: Part 2 accuracy requirements | 2020 | March, 2025 | To be revised |
| 15 | IS 15449 (Part 3) : 2004 | Household zig - Zag sewing machine head: Part 3 sewing requirements | 2020 | March, 2025 | To be revised |
| 16 | IS 15449 (Part 4) : 2004 | Household zig - Zag sewing machine head: Part 4 durability requirements | 2020 | March, 2025 | To be revised |

29th Meeting Decision

The committee noted the information in Sl No. 1 to 9. Decision mentioned in Item 4.1 shall also be referred.

The committee decided to reaffirm the standard in Sl No. 10, 11 & 12 i.e. IS 15312 : 2003, IS 15313 : 2003 and IS 15314 : 2003.

See Item 2 for Sl No. 13 to 16.

i) ITEM 5 DRAFT STANDARDS/AMENDMENTS FOR FINALISATION

5.1 MED 29 (19156) Glossary of Terms Relating to Sewing Machines for Household Purposes (Revision of IS 6903) (Document under development)

Background:

The document was wide-circulated vide letter bearing reference MED 29/T-24 dated 17 Mar 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 Surjee Singh of R&D Centre to review the additional terminologies that may be added as proposed by MS 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 panel meetings held on 19 Dec 2022 and 16 Jan 2023. Response awaited

Background:

The document was wide-circulated vide letter bearing reference MED 29/T-24 dated 17 Mar 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 Surjee Singh of R&D Centre to review the additional terminologies that may be added as proposed by MS 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 panel 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.

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

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:



WC MED719156_170
32022_1 (1).pdf

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.

Actions Taken:

The draft / comments from the panel is still awaited. The committee may kindly discuss and decide.

29th Meeting Decision

The committee requested Panel 1 to provide the recommendation/ draft within 30 days. The draft once received will be sent to committee members for comments within 15 days . 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 Sl 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

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/fig. 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 the reference to IS 1501 (Part 1) / ISO 6507-1 is given in clause 5 (Hardness). | Comment not accepted. |
| 8. | Table 2 & 3 | BIS | Technical | MS enquired that in the Bend test (9.2.1), tolerance is given for needle sizes 19 | Add needle size 19 and 21. | Members informed that these needle sizes are not prevalent. The Committee decided to | Reminder sent to panel on 14 Dec 2022 |

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| | | | | and 21, however in Amnd 1 the needle size 19 and 21 were removed. Why? | | 21. The Panel will provide tolerance for these sizes. | 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 Beekert, 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 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 | Add clause 10 and Annex B | The comment was accepted. | Incorporated in draft |

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| | | | given in original standard. | | document |
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Comment in table at Sl No. 1-7, 9-12 The committee noted the information.

Comment in table at Sl 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.

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.

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:



28th Meeting decision

The committee finalised the document for printing.

Action taken

The Committee may kindly NOTE.

29th Meeting Decision

The committee noted the information.

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

In Table Sl No. 2, 4-8 The committee decided to send a reminder mail to the panel for resolving these comments and provide the draft document within 15 days.

Background:

20220331_MED29_19245.pdf

The document was wide circulated vide letter bearing reference MED 29/T-39 dated 30 Mar 2022. The last date of comment was 29 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. | 1 | BIS | Technical | Add scope as per Amnd 1 | 1.1 This standard covers the requirement of bag closer sewing machines/portable bag closer sewing machines consisting of sewing head run through electric motor attached to the body through hinge assembly and run using external pulleys and belt and also supporting structure and control the continuous/intermittent light duty and heavy duty industrial application. | The comment was accepted. | Incorporated in draft document. <i>The Committee may please note.</i> |
| 2. | 2 | BIS | Technical | Update reference for IS 996. | IS 325: 1978 was on 3 phase motor and in the draft revision IS 996 has been referred which is for single phase. Also see clause 4.2 | The comment was accepted. The Committee requested the Panel to provide the correct reference standard. | Mail Sent on 23rd dec 2022. Respons awaited. <i>The Committee may please consider and decide.</i> |

| | | | | | | | |
|----|-----|-----|-----------|----------------------------------|--|--|---|
| | | | | | | | Resend this email. |
| 3. | 4.1 | BIS | Technical | Revise as per Amnd 1 | The portable bag closer sewing machine shall be supplied with a single phase electric motor of 75 W or above (8 000 RPM) attached to the body through hinge assembly and run using external pulleys and belt. The portable bag closer machine is attached with motor and not to be called as in-built motor. | The comment was accepted. | Incorporated in draft document |
| 4. | 4.2 | BIS | Technical | Motor standard has been revised. | The motor shall conform to IS 12615 or IS 996?. | The comment was accepted. The Committee requested the Panel to provide the correct reference standard. | Mail Sent on 23rd dec 2022. Respons awaited. Resend this email. |
| 5. | 4.4 | AC | Technical | | Add standard number for v-belt, pulley, and safety guard | The comment was accepted. The Committee requested the Panel to provide the reference standard to be added. | Mail Sent on 23rd dec 2022. Respons awaited. Panel to discuss this in the offline meeting being held next week while examining the parts |

| | | | | | | | |
|----|--------|-----|-----------|---|--|--|---|
| | | | | | | | physically. Send a reminder to panel for inputs for incorporation in draft document. |
| 6. | 10.2 | AC | Technical | Painted, powder coated or PVD coated surfaces | | The comment was accepted. The Committee requested the Panel to provide the requirement as an optional requirement. | Mail Sent on 23rd dec 2022. Response awaited. Send a reminder to panel for inputs for incorporation in draft document. |
| 7. | 11.4.1 | BIS | Technical | Sound limit to be reviewed as per the rules and regulations and identify standard to establish conformance. | The limit of sound to be verified. Sound test/ dB meter requirement for the measurement should be added. | The comment was accepted. The Committee requested the Panel to provide the requirement. | Mail Sent on 23rd dec 2022. Response awaited. Send a reminder to panel for inputs for incorporation in draft |

| | | | | | | | |
|-----|--------|-----|-----------|---|--|---|---|
| | | | | | | | document. |
| 8. | 11.4.2 | BIS | Technical | Vibration limit | Test method to verify the vibration limit should be added. | The comment was accepted. The Committee requested the Panel to provide the requirement. | Reminder sent panel on 23 Dec 2022 for revised draft. Send a reminder to panel for inputs for incorporation in draft document. |
| 9. | 11.5.8 | AC | Technical | Manufacturer should provide manual covering safety and maintenance | | The comment was accepted and decided to add the same in the 12 (Accessories) as follows: 12.1 f) A booklet containing the manufacturer's operating, maintenance, and safety instruction, exploded view of the machine, and parts list with identification numbers. | Incorporated in draft document |
| 10. | | AC | Technical | Suitable safety requirements can be adopted from Indian Standard IS 302 | | The comment was accepted and decided to revise as follows: 11.5.5 <i>Protection Against Electric Shock</i> | Incorporated in draft document |

| | | | | | |
|--|--|--|--------------------|--|--|
| | | | (different parts) | | Electric shock by direct contact shall be prevented. Protection against electric shock shall be as per IS 302-1. |
|--|--|--|--------------------|--|--|

Comment in table at Sl No. 1, 3, 9, 10 The committee noted the information.

Comment in table at Sl No. 2, 4-8 The committee will decide.

20230109_MED29_IS11737_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 corrections, if any.

Reminder sent to panel on 23 Dec 2022 for revised draft.

Further, input for motor received from Mr ID Sharma, M/s Singer dated 18 Jan 2023 as below:

| |
|---|
| Moter ----- 1/10 HP RPM - RANGE ----- 8000 ----8500 OUT PUT ---75 WATT INPUT VOLTAGE ---- 220 -250 AC (Single Phase) Hz----- 50/60 frequency Timing Belt ---- 170 XL |
|---|

Machine Body Paint is done by powder coating process as provided by Shri ID Sharma. Further inputs to be discussed in the next panel meeting.

Panel to provide the draft document within 15 days.

Committee formed a panel P-2 as following:

- i) Representative from M/s Singer-Convener
- ii) Mr Ashish Gupta, M/s Orra
- iii) Representative from R & D centre, Ludhiana.

The above, panel to provide the revised draft. The revised draft to be wide circulated again for 1 month time.

Committee decided that a joint panel meeting will take place of Panel 1 & Panel 2 on 05 Oct 2023 to dispose of the comments and provide its recommendation to the committee.

Joint Panel meeting of members of Panel 1 and Panel 2 was conducted on 05 Oct 2023. However there was no recommendation from the panel on revision of IS 11737 (19245).

A reminder regarding the same was sent to the Panel members by M.S via mail dated **07 Dec 2023**.

28th Meeting decision

The committee decide to form a panel for IS 11737. The panel comprise of the following members:

- a) Shri I.D Sharma of M/s Singer (**Convenor**)
- b) Shri Rajvinder of M/s Ludhiana Sewing Machines Industries Association
- c) Shri SurinderPal of M/s Research & Development Centre
- d) Shri Ashish Gupta of M/s ORAA

The committee further decided that Shri I.D Sharma shall provide the final draft by 20.01.2024 after consulting the panel members.

Actions Taken:

The revised draft from the panel is still awaited. The committee may kindly discuss and decide.

29th Meeting Decision

The committee requested Panel 1 to provide the recommendation/ draft within 30 days. The draft once received will be sent to committee members for comments within 15 days . If no comments are received, the same shall be sent into printing in consultation with the Chairperson MED 29.

5.4 MED 29 (19256) Household Sewing Machines Thread Take-Up Lever Sub-Assembly For Cam-Type Sewing Machines — Specification (Revision of IS 3290)

Mr ID Sharma, M/s Singer agreed to get the samples tested and provide hardness values for finalisation of the document. Panel to deliberate on hardness requirements in the next panel meeting. Panel to finalise the draft within 15 days.

Background:

[20220331_MED29_19256.pdf](#)

The document was wide circulated vide letter bearing reference MED 29/T-7 dated 31 Mar 2022. The last date of comment was 30 May 2022. The comments received from Shri Anup Chandra from Gandhinagar and MS were disposed of as follows:

| Sl No. | Clause/Sub-clause / para/figure No. commented | Commentator/Organization/Abbreviation | Type of Comments (General/Editorial/Technical) | Justification | Proposed change | Committee Decision | Action Taken |
|--------|---|---------------------------------------|--|--|---|---------------------------|-------------------------------|
| | Title | BIS | Technical | Rename title to make concise and meaningful. | Household sewing machine needles — Thread Take-Up Lever Sub-Assembly For Cam-Type Machines Specification | The comment was accepted. | Incorporate in draft document |
| 1. | 2 and 6 | AC | Technical | Refer IS 1501 for hardness test | | The comment was accepted. | Incorporate in draft document |

Comment in table at Sl No. 1, 2 The committee noted the information.

20230109_MED29_IS 3290_WC0.1.docx

The Committee finalised the document for printing. It approved MS to make editorial corrections, if any.

Committee decided that a joint panel meeting will take place of Panel 1 & Panel 2 on 05 Oct 2023 to dispose of the comments and provide its recommendation to the committee.

The joint panel recommended some changes in the draft of IS 3290 (19256) and the same has been incorporated in the draft. However the Panel recommendation on Hardness requirement is still awaited. The draft has been enclosed below:



20230109_MED29_I
S 3290_WC0.1.docx

28th Meeting decision

The committee decided to hold again a panel meeting for IS 3290. The panel shall finalize the hardness requirement and send it to M.S. The draft once finalized will be send to committee members for 7 days for comments. If no comments are received the same shall be sent into printing in consultation with the Chairperson MED 29.

Actions taken:

Panel meeting yet to be convened. The committee may kindly discuss and decide.

The committee may kindly discuss and decide.

29th Meeting Decision

The committee requested Panel 1 to provide the recommendation/ draft within 15 days. The draft once received will be sent to committee members for comments within 15 days . If no comments are received, the same shall be sent into printing in consultation with the Chairperson MED 29.

5.5 MED 29 (19257) Feed Rock Shaft for Sewing Machines for Household Purposes— Specification (Revision of IS 10304)

In table at Sl No. 4 The committee directed the panel to discuss and dispose of this comment in panel the next meeting being conducted physically. Shri Gurumukh of M/s United Sewing Machines agreed to invite the vendors to the meeting for their input on this standard draft.

The Committee directed the panel to finalise and submit the draft within 15 days of conducting the next physical meeting.

Background:

[20220331_MED29_19257.pdf](#)

The document was wide-circulated vide letter bearing reference MED 29/T-33 dated 31 Mar 2022. The last date of comment was 30 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/fig. No. commented | Commentator/ Organization/ Abbreviation | Type of Comments (General/ Editorial/ Technical) | Justification | Proposed change | Committee Decision | Action Taken |
|--------|---|---|--|---|--|--|---|
| | Title | BIS | Technical | Rename title to make concise and meaningful. | Household sewing machine needles — Thread Take-Up Lever Sub-Assembly For Cam-Type Machines — Specification | The comment was accepted. | Incorporated in draft document |
| | Fig. 2 | AC | Technical | Surface roughness N 6 is shown in figure | Provide IS number of surface number IS 3073 | The comment was accepted. | |
| | Fig. 2 | AC | Technical | N6 is normally now referred as Ra 0.8 MICRON | | N6 to be changed to Ra 8.0 as per IS 3073 and Table I-2 of IS 10719 : 2015/ ISO 1302: 2002. | Incorporated in draft document |
| | Fig. 2 | AC | Technical | Give reference of IS code for threads 9/32X28 | | The Committee informed that there is no IS as this is based on metric threads and based on BS standard. The Committee requested the Panel to review and provide the requirement. | Last mail was sent on 31 Mar 2022 by Rajneesh sir. No data on mail found. Reminder sent to panel on 23 Dec 2022. Response awaited |

| | | | | | | |
|--|--|----|-----------|------------------------|--|--------------------------------|
| | | AC | Technical | Add annex A of IS 3290 | The comment was not accepted as list of standards on components is not required. | Incorporated in draft document |
|--|--|----|-----------|------------------------|--|--------------------------------|

Comment in table at Sl No. 1-3, 5 The committee noted the information.

Comment in table at Sl No. 4 The committee will decide.

20230109 MED 29 IS 10304(19257) WC0.1.docx

Committee decided that a joint panel meeting will take place of Panel 1 & Panel 2 on 05 Oct 2023 to dispose of the comments and provide its recommendation to the committee.

The revised draft incorporating the Panel recommendation was circulated to the committee members via mail dated **17.11.2023**. Last date for comment was **02.12.2023**. No comments were received from the Committee members.



IS 10304 (1).docx

28th Meeting decision

The committee finalised the document for Printing.

Action Taken

The committee may please note.

29th Meeting Decision

The committee noted the information.

5.6 MED 29 (19258) Feed Rock Shaft Crank for Sewing Machines for Household Purposes— Specification (Revision of IS 10305)

In table at Sl No. 4 The committee directed the panel to discuss and dispose of this comment in panel the next meeting being conducted physically. Shri Gurumukh of M/s United Sewing Machines agreed to invite the vendors to the meeting for their input on this standard draft.

Background:

20220331_MED29_19258.pdf

The document was wide circulated vide letter bearing reference MED 29/T-34 dated 31 Mar 2022. The last date of comment was 30 May 2022. The comments received from Shri Anup Chandra from Gandhinagar and MS were disposed of as follows: +

| Sl No. | Clause /Sub-clause/para/able/fig. No. commented | Commentator/ Organization/ Abbreviation | Type of Comments (General/Editorial/ Technical) | Justification | Proposed change | Committee Decision | Action Taken |
|--------|---|---|---|--|---|---|--------------------------------|
| | Title | BIS | Technical | Rename title to make concise and meaningful. | Household Sewing Machine needles — Feed Rock Shaft Crank — Specification | The comment was accepted. | Incorporated in draft document |
| 2. | Fig. 2 | AC | Technical | Surface roughness N 6 is shown in figure | Provide IS number of surface number IS 3073 | The comment was accepted. | Incorporated in draft document |
| . | Fig. 2 | AC | Technical | N6 is normally now referred as Ra 0.8 MICRON | | N6 to be changed to Ra 8.0 as per IS 3073 and Table I-2 of IS 10719 : 2015/ ISO 1302: 2002. | Incorporated in draft document |

| | | | | | | | |
|---|--------|----|-----------|---|--|--|---|
| 4 | Fig. 2 | AC | Technical | Give reference of IS code for threads 9/16X28 | | The Committee informed that there is no IS as this is based on metric threads and based on BS standard. The Committee requested the Panel to review and provide the requirement. | Last mail was sent on 31 Mar 2022 by Rajneesh Sir. Reminder sent to panel on 28 Dec 2022. Response awaited. |
| 5 | | AC | Technical | Add annex A of IS 3290 | | The comment was not accepted as list of standards on components is not required. | Incorporated in draft document |

Comment in table at Sl No. 1-3, 5 The committee noted the information.

Comment in table at Sl No. 4 The committee will decide.

20230109_MED 29_IS 10305(19258)_WC0.1.docx

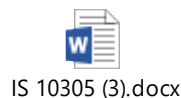
27th Meeting decision

Committee decided that a joint panel meeting will take place of Panel 1 & Panel 2 on 05 Oct 2023 to dispose of the comments and provide its recommendation to the committee.

Action taken

The revised draft incorporating the Panel recommendation was circulated to the committee members via mail dated 17.11.2023. Last date for comment was 02.12.2023.

Shri I.D Sharma of M/s Singer India limited vide his mail on 25.11.2023 commented on the revised draft. The comments and draft has enclosed for your kind perusal.



28th Meeting decision

The committee decided to hold a panel meeting to discuss and dispose of the comments of Shri I.D Sharma. The draft once finalized will be send to committee members for 7 days for comments. If no comments are received the same shall be sent into printing in consultation with the Chairperson MED 29.

Action taken: *Panel meeting yet to be convened. The committee may kindly discuss and decide.*

29th Meeting Decision

The committee requested Panel 1 to provide the recommendation/ draft within 30 days. The draft once received will be sent to committee members for comments within 15 days . If no comments are received, the same shall be sent into printing in consultation with the Chairperson MED 29. .

5.7 MED 29 (19259) Feed Lifting Rock Shaft Crank for Sewing Machines for Household Purposes— Specification (Revision of IS 10306)

In table at Sl No. 2, 3 The committee directed the panel to discuss and dispose of this comment in panel the next meeting being conducted physically. Shri Gurumukh of M/s United Sewing Machines agreed to invite the vendors to the meeting for their input on this standard draft.

The Committee directed the panel to finalise and submit the draft within 15 days of conducting the next physical meeting.

Background:

[20220404_MED29_19258.pdf](#)

The document was wide-circulated vide letter bearing reference MED 29/T-35 dated 31 Mar 2022. The last date of comment was 30 May 2022. The comments received from Shri Anup Chandra from Gandhinagar and MS were disposed of as follows:

| Sl No. | Clause /Sub-clause/ para/ t able/fig. No. commented | Comme ntator/ Organiz ation/ Abbrevi ation | Type of Comment s (General/ Editorial/ Technical) | Justification | Proposed change | Committee Decision | Action Taken |
|--------|---|--|--|--|---|---------------------------|---------------------------------|
| . | Title | BIS | Technical | Rename title to make concise and meaningful. | Household sewing machine needles — Feed Lifting Rock Shaft Crank — Specification | The comment was accepted. | Incorporate d in draft document |

| | | | | | | | |
|---|-----|----|-----------|---|--|---|---|
| . | 6.1 | AC | Technical | parallalism IS 15054 cl 13 choose suitable method | | MS informed that IS 15054 has been withdrawn. The Committee requested the Panel to review IS 8000 (Part 1) : 2019/ ISO 1101 : 2017 Geometrical Product Specifications (GPS) Geometrical Tolerancing Part 1 Tolerances of Form, Orientation, Location and Run-Out' and provide the requirement. | Reminder sent to pan on 23 Dec 2022 for revised draft Response awaited. |
| . | 6.2 | AC | Technical | squareness IS 15054 cl 14 choose suitable method | | -do- | Reminder sent to pan on 23 Dec 2022 for revised draft Response awaited. |

Comment in table at SI No. 1 The committee noted the information.

Comment in table at SI No. 2, 3 The committee will decide.

20230109 MED 29 IS 10306(19259) WC0.1.docx

Committee decided that a joint panel meeting will take place of Panel 1 & Panel 2 on 05 Oct 2023 to dispose of the comments and provide its recommendation to the committee.

Joint Panel meeting of members of Panel 1 and Panel 2 was conducted on 05 Oct 2023. However there was no recommendation from the panel on revision of IS 10306 (19259).

A reminder regarding the same was sent to the Panel members by M.S via mail dated 11 Dec 2023. No comments have been received.

28th Meeting Decision

The committee again decided to conduct panel meeting to finalize IS 10306. The committee also requested the panel to provide its recommendation at the earliest.

Action Taken

Recommendation from the panel is still awaited. The committee may kindly discuss and decide.

29th Meeting Decision

The committee requested Panel 1 to provide the recommendation/ draft within 30 days. The draft once received will be sent to committee members for comments within 15 days . If no comments are received , the same shall be sent into printing in consultation with the Chairperson MED 29.

5.8 MED 29 (19261) Household sewing machines Needle bar link studs— Specification (Revision of IS 4339)

Comment in table at Sl No. 2, 3 as well as Comment from M/s Singer dated 17 Jun 2022 The committee directed the panel to discuss and dispose of this comment in panel the next meeting being conducted physically.

The Committee directed the panel to finalise and submit the draft within 15 days of conducting the next physical meeting.

Background:

[20220404_MED29_19261.pdf](#)

[20230118_MED29_IS_4339_Print_0.1](#)

The document was wide circulated vide letter bearing reference MED 29/T-17 dated 31 Mar 2022. The last date of comment was 30 May 2022. The comments received from Shri Anup Chandra from Gandhinagar and MS were disposed of as follows:

| Sl No. | Clause /Sub-clause/ para/t able/fi g. No. comm ented | Comm entator / Organi zation/ Abbrev iation | Type of Comme nts (General /Editoria l/ Technic al) | Justification | Proposed change | Committee Decision | Action Taken |
|--------|--|---|---|---------------|-----------------|--------------------|--------------|
| | | | | | | | |

| | | | | | | | |
|----|--------|-----|-----------|--|--|--|---|
| . | Title | BIS | Technical | Rename title to make concise and meaningful. | Household sewing machine needles — Needle bar link studs — Specification | The comment was accepted. | Incorporated in draft document |
| 2. | 4 | AC | Technical | CL 4 Fig 1 and 2 | | The Committee requested the Panel to review the comment as it lacks clarity. | Mail Sent on 23rd dec 2022. Response awaited. |
| 3. | | AC | Technical | Thread size ... provide standard number | | The Committee requested the Panel to review the comment | Mail Sent on 23rd dec 2022. Response awaited. |
| . | Fig. 3 | AC | Technical | Surface roughness N5 is not used. Therefore, provide ref of IS3073 | | The comment was accepted and decided to replace N5 with Ra number and refer IS 3073. | Incorporated in draft document |

| | | | | | |
|--|----|-----------|---|---|---|
| | AC | Technical | Perpendicularity reference is 15054 choose from cl 14 suitable method | MS informed that IS 15054 has been withdrawn. The Committee requested the Panel to review IS 8000 (Part 1) : 2019/ ISO 1101 : 2017 Geometrical Product Specifications (GPS) Geometrical Tolerancing Part 1 Tolerances of Form, Orientation, Location and Run-Out' and provide the requirement. | Mail Sent on 23rd dec 2022. Response awaited. |
|--|----|-----------|---|---|---|

Additional comments received from M/s Singer India Ltd dated 17 Jun 2023 is as follows:

| Sl No | Location | Bis Sizes | Singer India Ltd Sizes | Remarks | Action Taken |
|-------|-------------|--------------|------------------------|---------------------|---|
| 1 | Hole Dia | 7.246/7.255 | 7.252/7.277 | To Be Change | Reminder sent to panel on 23 Dec 2022 for revised draft. Response awaited |
| 2 | Distance | 4.55/4.65 | 4.8/4,90 | To Change | |
| 3 | Thiickness | 9.55/9.65 | 9..90/10.00 | To Be Change | |
| 4 | Dai Meter | 13,25 /13.55 | 12.40/12.60 | To Be Change Type-A | |
| 5 | Width | 9.95/10.15 | 9.90/10.10 | To Be Change | |
| 6 | Daimeter | 7.931/7.94 | 7.931/7.944 | To Be Change | |
| 7 | Step Length | 13.95/14.25 | Ok | No Change | |
| 8 | Thread | M 5 | 3/16x 28 Ww | To Be Change | |
| 9 | Squareness | 0.02 | 20/100 | To Change | |

Comment in table at Sl No. 1, 4 The committee noted the information.

Comment in table at Sl No. 2, 3 as well as Comment from M/s Singer dated 17 Jun 2022 The committee will decide.

Committee decided that a joint panel meeting will take place of Panel 1 & Panel 2 on 05 Oct 2023 to dispose of the comments and provide its recommendation to the committee.

Joint Panel meeting of members of Panel 1 and Panel 2 was conducted on 05 Oct 2023. However there was no recommendation from the panel on revision of IS 10306 (19259).

A reminder regarding the same was sent to the Panel members by M.S via mail dated 11 Dec 2023. No comments have been received.

28th Meeting decision

The committee again decided to conduct panel meeting to finalize IS 4339. The committee also requested the panel to provide its recommendation at the earliest.

Action Taken:

The comments from the panel are still awaited. The committee may kindly discuss and decide.

29th Meeting Decision

The committee decided to revise the panel members in Panel 3. The panel details is as follows:

- a) Shri ID Sharma of M/s Singer India Limited, (Convenor)*
- b) Shri Harinder Jit Singh of M/s Narindera and Company*
- c) Shri Gurmkh Singh of M/s United Sewing Machine & Parts Manufacturers Association*
- d) Shri Shri Rup Lal Kangla of M/s Usha International Limited*
- e) Shri Shri Pranay Sriwastav of M/s Usha International Limited, Ludhiana*
- f) Shri Ashish Gupta of M/s ORAA International*

The committee requested Panel 3 to provide the recommendation/ draft within 30 days. The draft once received will be sent to committee members for comments within 15 days . If no comments are received and, the same shall be sent into printing in consultation with the Chairperson MED 29.

6 DRAFT STANDARDS WITH COMMENTS FOR APPROVAL FOR WIDE CIRCULATION

6.1 Oscillating Rock Shafts for Sewing Machines for Household Purposes –Specification (Revision of IS 3299)

In table at Sl No.1, 2 The committee directed the panel to discuss and dispose of this comment in panel the next meeting being conducted physically.

The Committee directed the panel to finalise and submit the draft within 15 days of conducting the next physical meeting.

The Committee may please consider and decide.

| |
|--------------------|
| Background: |
|--------------------|

MS had apprised the Committee on the comments regarding the grades of cast iron and steel referred to in IS 3299 as given below. The Committee had detailed deliberation on the comments and had decided that the Panel will review the material requirements across all the product standards under MED 29 and provide recommendations within 1 month. The draft revision provided by the Panel within 1 month shall be wide-circulated for 2 months.

The Committee again requested the Panel to review the material requirements across all the product standards under MED 29 and provide recommendation on priority. The draft revision provided by the Panel within 1 month shall be wide-circulated for 2 months.

| Sl. No. | Clause/Sub-clause/para/table/fig. No. commented | Commentator/Organization/Abbreviation | Type of Comments (General/Editorial/Technical) | Justification | Action Taken |
|---------|---|---------------------------------------|--|--|--|
| 1 | 4.1 | BIS | Technical | Grade 15 of IS: 210-1962 is not present in the revised | Appropriate grade from IS 210:2009 may be added. |
| 2 | 4.1 | BIS | Technical | There are many parts of IS 1570. | Appropriate grade from relevant IS 1570:1978 may be added. |

Reminder sent to panel on 23 Dec 2022. Response awaited.

Committee decided to again send a reminder to panel to expedite the draft. The revised doc to be circulated to committee members for 15 days time, if no comments received, the document will be sent for WC in consultation with chairman.

Committee decided that a joint panel meeting will take place of Panel 1 & Panel 2 on 05 Oct 2023 to dispose of the comments and provide its recommendation to the committee.

Panel meeting for the aforesaid was held on 05 Oct 2023. The panel recommended some changes in the draft document. Also, based on the panel recommendation the draft has been modified by M.S.

The draft document was sent for WC approval to the chairperson MED 29 via mail dated **14.12.2023** and reminder for same was sent on **18.12.2023**. Shri Vishwas Mehta of M/s R & D Centre highlighted some corrections as per panel recommendations. The same has been incorporated. The modified draft has been enclosed below:



3299_1969_Draft.docx

The committee may kindly finalize the Draft for WC for 2 months' time.

28th Meeting Decision

The committee finalised the draft for WC for 2 months. If no comments are received in wide circulation the draft shall be sent into printing with consultation with the Chairperson.

Actions taken: The finalised draft is in the process for wide circulation

29th Meeting Decision

The committee noted the information.

6.2 Specification for connecting rods for sewing machines for household purposes (Revision of IS 3816)

In table at Sl No.1, 2 The committee directed the panel to discuss and dispose of this comment in panel the next meeting being conducted physically.

The Committee directed the panel to finalise and submit the draft within 15 days of conducting the next physical meeting.

The Committee may please consider and decide.

| Background: 20221223_MED29_IS3816_Reminder.pdf | | | | | |
|---|---|---------------------------------------|--|--|---|
| MS had apprised the Committee on the comments regarding the grades of cast iron and steel referred to in IS 3816 as given below. The Committee had detailed deliberation on the comments and had decided that the Panel will review the material requirements across all the product standards under MED 29 and provide recommendation within 1 month. The draft revision provided by the Panel within 1 month shall be wide circulated for 2 months. | | | | | |
| The Committee again requested the Panel to review the material requirements across all the product standards under MED 29 and provide recommendation on priority. The draft revision provided by the Panel within 1 month shall be wide circulated for 2 months. | | | | | |
| Sl. No. | Clause/Sub-clause/para/table/fig. No. commented | Commentator/Organization/Abbreviation | Type of Comments (General/Editorial/Technical) | Justification | Proposed change |
| 1 | 5.1 | BIS | Technical | IS 1501: 1968 ‘Method For Vickers Hardness Test for Metallic Materials’ has been | Suitable part of IS/ISO 1501:2009 with relevant |

| | | | | | |
|--|-----|-----|-----------|--|--|
| | | | | revised as IS/ISO 1501:2009 and is in 4 parts. | hardness (type) may be added |
| 2 | 4.1 | BIS | Technical | There are many parts of IS 1570. | Appropriate grade from relevant IS 1570:2009 may be added. |
| <p>Reminder sent to panel on 23 Dec 2022.</p> <p>Response awaited.</p> | | | | | |

Committee decided to again send a reminder to panel to expedite the draft. The revised doc to be circulated to committee members for 15 days time, if no comments received, the document will be sent for WC in consultation with chairman.

Feedback awaited.

Committee decided that a joint panel meeting will take place of Panel 1 & Panel 2 on 05 Oct 2023 to dispose of the comments and provide its recommendation to the committee.

Panel meeting for the aforesaid was held on 05 Oct 2023. The panel recommended some changes in the draft document. Also, based on the panel recommendation the draft has been modified by M.S.



IS 3816 MED
29.docx

The draft document was sent for WC approval to the chairperson MED 29 via mail dated **14.12.2023** and reminder for same was sent on **18.12.2023**.

The committee may kindly approve the draft for WC for 2 months' time.

28th Meeting Decision

The committee finalized the draft for WC for 2 months. If no comments are received in wide circulation the draft shall be sent into printing with consultation with the Chairperson.

Actions taken: The finalised draft is in the process for wide circulation

29th Meeting Decision

The committee noted the information.

6.3 MED/29/16614 Specification for feed lifting rock shaft for sewing machines for household purposes (Revision of IS 3868)

In table at Sl No.1, 2 The committee directed the panel to discuss and dispose of this comment in panel the next meeting being conducted physically.

The Committee directed the panel to finalise and submit the draft within 15 days of conducting the next physical meeting.

Draft awaited.

The Committee may please consider and decide.

Background:

MS had appraised the Committee on the comments regarding the grades of cast iron and steel referred to in IS 3868 as given below. The Committee had detailed deliberation on the comments and had decided that the Panel will review the material requirements across all the product standards under MED 29 and provide recommendation within 1 month. The draft revision provided by the Panel within 1 month shall be wide-circulated for 2 months.

The Committee again requested the Panel to review the material requirements across all the product standards under MED 29 and provide recommendation on priority. The draft revision provided by the Panel within 1 month shall be wide-circulated for 2 months.

| Sl. No. | Clause/Sub-clause/para/table/fig. No. commented | Commentator/Organization/Abbreviation | Type of Comments (General/Editorial/Technical) | Justification | Proposed change |
|---------|---|---------------------------------------|--|--|---|
| 1 | 4.1 | BIS | Technical | Grade 15 of IS: 210-1962 is not present in the revised version of 2009 | Appropriate grade from IS 210: 2009 may be added. |
| 2 | Table 1, Note | BIS | Technical | IS 2102: 1993 is revised in 2 parts | Relevant IS may be referred. |

Reminder sent to panel on 23 Dec 2022.

[20221223_MED29_IS3868reminder.pdf](#)

Committee decided to again send a reminder to panel to expedite the draft. The revised doc to be circulated to committee members for 15 days time, if no comments received, the document will be sent for WC in consultation with chairman.

Feedback awaited.

27th meeting decision

Committee decided that a joint panel meeting will take place of Panel 1 & Panel 2 on 05 Oct 2023 to dispose of the comments and provide its recommendation to the committee.

Action Taken

Panel meeting for the aforesaid was held on 05 Oct 2023. The panel recommended some changes in the draft document. Also, Panel recommendation on Hole dia and thread size was not found in the draft and was not incorporated.

The draft document was sent for WC approval incorporating the possible changes to the chairperson MED 29 via mail dated **14.12.2023** and reminder for same was sent on **18.12.2023**.

Further, Shri Vishwas Mehta of M/s R&D centre suggested to incorporate the panel recommendation in the draft via his mail dated **19.12.2023**. A mail dated **20.12.2023** was sent by M.S to Vishwas Mehta to suggest the possible clause no for panel recommendation.

However no response was received. The panel comments and draft has been enclosed below.



The committee may kindly discuss and approve the draft for WC for 2 months' time.

28th Meeting Decision

The committee decided that Shri Vishwas Mehta will provide the draft of IS 3868 to M.S after incorporating the panel recommendation. The draft once received shall be sent to WC for 2 months. If no comments are received in Wide circulation the same shall be sent to print in consultation with the Chairperson.

Actions taken:

Draft is still awaited. Committee may discuss.

29th Meeting Decision

The committee requested Panel 1 to provide the recommendation/ draft within 30 days. The draft once received will be sent to committee members for comments within 15 days . If no comments are received, the same shall be to WC for 2 months in consultation with the Chairperson MED 29.

7 DRAFT STANDARDS WITH COMMENTS UNDER WIDE CIRCULATION

7.1 MED 29 (19430) Needle Bar Links for Sewing Machines for Household Purposes — Specification (Revision of IS 4340)

20230118_MED29_IS 4340 Print 0.1.docx

20220425_MED29_19430 WC file.pdf

The Committee approved the editorial changes to be done in dimension C and E in Table 1 of the draft document. The Committee approved the changes proposed by M/s Singer India. Shri Ruplal, M/s Usha International agreed to provide the revised drawing for incorporation in standard. Drawing to be provided within one week to BIS. Revised draft to be sent to members one week. As decided by the committee, if no comments are received, the revised document to be sent for wide-circulation for two months. If no comments are received, the document to be sent to printing.

Revised drawing is awaited from Shri Ruplal, M/s Usha International for incorporation in standard.

Feedback awaited.

Committee decided to again send a reminder.

The Panel 1 and Panel 2 in its joint Panel meeting has recommended some changes to the draft of IS 4340 (19430). However Earlier comments from M/s Singer has also been received on the same. Also Shri Ruplal, M/s Usha has also commented on the same.

The aforesaid comments have been enclosed below:



4340

Comments.docx

28th Meeting Decision

The committee suggested the panel members to conduct a meeting to finalize the comments of M/s Singer and Shri Rup lal Kangla, M/s Usha.

The comments once finalized, the draft based on final recommendation shall be prepared and sent into printing in consultation with the chairperson.

Action Taken:

The recommendation/ comments / finalised draft from the panel is still awaited. The committee may kindly discuss and decide.

29th Meeting Decision

The committee requested Panel 3 to provide the recommendation/ draft within 30 days. The draft once received will be sent to committee members for comments within 15 days . If no comments are received, the same shall be sent into printing in consultation with the Chairperson MED 29.

7.2 MED 29 (19435) Household Sewing Machine Closed Type Shuttle Race Assembly — Specification (Revision of IS 13806)

20220425_MED29_19435_WC_File.pdf

The Committee approved the editorial changes to be done in dimension C and E for Type A Table 1 of the draft document. The Committee also decided to add terms *Max* and *Min* in same table. Draft with these changes to be sent to Mr ID Sharma, M/s Singer for his comments. As decided by the committee, if no comments are received, the revised document to be sent wide-circulation for two months. If no comments are received, the document to be sent printing.

Feedback awaited from Mr ID Sharma.

Committee decided that a joint panel meeting will take place of Panel 1 & Panel 2 on 05 Oct 2023 to dispose of the comments and provide its recommendation to the committee.

The Panel 1 and Panel 2 in its joint Panel meeting has recommended some changes to the draft of IS 13806 (19435). The recommendation of Panel and draft document has been enclosed below:



IS 13806 Joint Panel
recommendation.dc



13806-wc.docx

Also, a mail dated 15.12.2023 was sent to Shri ID Sharma, M/s Singer enclosing the draft document of IS 13806 and panel recommendation to provide his comments. No comments have been received.

28th Meeting Decision

The committee decided to wide circulate the draft document once again for 1 month after incorporating the comments. If no comments are received in WC the document shall be sent to print in consultation with the chairperson.

Action Taken

The committee may please note and discuss.

29th Meeting Decision

The committee requested Panel 3 to provide the recommendation/ draft within 30 days. The draft once received will be sent to committee members for comments within 15 days . If no comments are received, the same shall be sent into printing in consultation with the Chairperson MED 29.

7.3 MED 29 (19807) Household Sewing Machines Vertical Oscillating Shuttle— Specification (Revision of IS 4338)

20220613_MED29_19807_Wc_File.pdf

The Committee deliberated on the comments received from Shri Ashish Gupta and decided as follows:

Groove width to be modified from 1.90 to 1.80/2.00. **[Accepted]**

Groove diameter to be added as 2.20/2.40. **[Accepted]**

Run out to be added as 0.05. **[Run out to be changed to 0.1]**

The Committee decided to add the statement ‘*All dimensions are in millimetres*’ in the figures depicting dimensions.

Mr Ruplal, M/s Usha International to provide the revised drawing for incorporation in standard. Drawing to be provided within one week to Mr ID Sharma, M/s Singer. Revised draft to be sent by Shri ID Sharma M/s Singer within one week. Revised draft to be sent to members one week. If no comments received, the document to be sent for wide-circulation for two months, and for printing, if no comments received during wide-circulation.

Revised drawing is awaited from Mr Ruplal, M/s Usha International.

Committee decided that a joint panel meeting will take place of Panel 1 & Panel 2 on 05 Oct 2023 to dispose of the comments and provide its recommendation to the committee.

Joint Panel meeting of members of Panel 1 and Panel 2 was conducted on 05 Oct 2023. However there was no recommendation from the panel on IS 4338 (19807). Also revised drawings from Shri Ruplal, M/s Usha has been received. The revised drawing and draft document 19807 has been enclosed below:



4338 image.pdf



Correction in Shuttle.pdf



MED 29 (19807) IS 4338.docx

The committee may kindly discuss on the above document. Also, the proposed correction in drawing has been sent to publication department BIS. The diagrams once received will be incorporated in draft document.

28th Meeting Decision

The committee decided that panel will review the drawings provided by Shri Ruplal Kangla, M/s Usha. Further, the panel shall provide its recommendation to M.S after review.

After the panel decision the draft document shall be sent into printing in consultation with the chairperson.

Action Taken

The comments / recommendation of the panel is still awaited. The committee may kindly discuss and decide.

29th Meeting Decision

The committee requested Panel 3 to provide the recommendation/ draft within 30 days. The draft once received will be sent to committee members for comments within 15 days . If no comments are received, the same shall be sent into printing in consultation with the Chairperson MED 29.

7.4 MED 29 (19812) Household Sewing Machines Open Type Shuttle Race Sub-Assembly— Specification (Revision of IS 14207)

20220613_MED29_19812 WC File.pdf

The Committee approved the editorial changes to be done in dimension C and E for Type A in Table 1 of the draft document. The Committee also decided to add terms *Max* and *Min* in the same table. Mr ID Sharma, M/s Singer agreed to review the draft document and provide the same within one week. The revised draft to be circulated to committee members for one week. As decided by the committee, if no comments are received, the revised document to be sent for wide-circulation for two months. If no comments are received, the document to be sent to printing.

Committee requested Mr ID Sharma to expedite the revised draft. Feedback awaited.

Committee decided that a joint panel meeting will take place of Panel 1 & Panel 2 on 05 Oct 2023 to dispose of the comments and provide its recommendation to the committee.

Joint Panel meeting of members of Panel 1 and Panel 2 was conducted on 05 Oct 2023. The panel recommendation and draft of IS 14207 has been enclosed below:



28th Meeting Decision

The committee decided that the panel shall re-review the comments on IS 14207.

The chairperson suggested the panel to provide its recommendation to M.S at the earliest. Further the M.S shall send the document into printing with consultation of the chairperson after incorporating the panel recommendation.

Actions Taken:

The comments / recommendation of the panel is still awaited. The committee may kindly discuss and decide.

29th Meeting Decision

The committee requested Panel 3 to provide the recommendation/ draft within 30 days. The draft once received will be sent to committee members for comments within 15 days . If no comments are received, the same shall be sent into printing in consultation with the Chairperson MED 29

Item 8 REVIEW OF PUBLISHED INDIAN STANDARD



8.1 As on-going activity, the Sectional Committee reviews the Indian Standards formulated by it at an interval of five years from the date of publication. During review the committee may decide either to reaffirm or to revise/withdraw the standards based on the latest technology available on the subject at the time of review.

8.2 BIS Management is very much concerned about revision of Standards based on latest technology and their utilisation by concerned stakeholders. It has been observed that many standards have been published long back and there is no change in the specification through amendment/revision. It is not known whether these standards are being used by anyone. Therefore, the technical committee is requested to examine whether these standards may be withdrawn if they cover either obsolete technology or are not used in the country. Accordingly, the list of the standard along with their base standard and the status of the base standard is mentioned below which needs review by the committee.

8.3 Documents under Action Research Project

| Sl No. | IS No. | Title | Allocated to | Status |
|--------|----------------|---|-----------------------------|--|
| 1 | IS 11737: 1996 | Industrial bag stitching machine - Specification First Revision | Mohammad Aqib (Scientist C) | To revise with technical change The Committee accepted the proposal and decided to wide circulate the document incorporating the changes proposed by the officer for 2 months. It also approved MS to make editorial correction and draft the document as per IS 12. ARP submitted with draft document by officer on portal dated 28 Aug 2021. Inputs being considered by Panel. <i>The Committee may please note.</i> <i>Also, Pls see item 5.3 for decision on 11737</i> |
| 2 | IS 3290 : 1994 | Household sewing machines thread take - | Mohammad Aqib (Scientist C) | To revise with technical change The Committee accepted the proposal and decided to wide circulate the document |

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|---|----------------|---|----------------------------------|---|
| | | Up lever sub - Assembly for cam type sewing machines specification (Third Revision) | | <p>incorporating the changes proposed by the officer for 2 months. It also approved MS to make editorial correction and draft the document as per IS 12.</p> <p>ARP submitted with draft document by officer on portal dated 31 Jan 2022. Inputs being considered by Panel.</p> <p><i>Also, Pls see item 5.4 for decision on IS 3290</i></p> |
| 3 | IS 4341 : 1997 | Household sewing machines - Feed bar rollers and studs - Specification (First Revision) | Shri D P Thapliyal (Scientist C) | <p>To revise with editorial change</p> <p>ARP submitted with draft document by officer on portal dated 11 Mar 2022. Inputs being considered by Panel.</p> <p>The Committee decided that the Panel will review the material requirement and provide draft revision. The revised draft shall be wide circulation for 2 months.</p> <p>The draft revision is awaited from the Panel.</p> <p><u>20230111_MED29_IS4341_Reminder.pdf</u></p> <p><u>IS 4341 (23846)</u></p> <p>The draft document has been sent to wide circulation on 10 Nov 2023 incorporating the recommendation of Joint Panel meeting held on 5-Oct-2023.</p> <p>28th meeting decision:</p> <p>The committee decided that if no comments are received in wide circulation, then the draft standard shall be sent for printing in consultation with the chairman.</p> <p>Action Taken :</p> <p>Last date for comment on WC draft circulated was 7 Jan 2024. No comments were received by the due date.</p> <p>The committee may finalise and approve the WC draft for printing.</p> |

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|---|-----------------|---|--|---|
| 4 | IS 12058 : 1987 | Specification For Slide Plates For Sewing Machines For Household Purposes | Vivek Prakash, Scientist-C, Rajkot Branch Office | <p>ARP along with review document circulated to members. No comments received. The committee may please approve the doc for WC.</p> <p><u>IS 12058 (24040)</u></p> <p>The draft document has been sent to wide circulation on 08 Nov 2023 incorporating the recommendation of Joint Panel meeting held on 5-Oct-2023. Last date for comment are 07 Jan 2024.</p> <p><u>28th Meeting</u></p> <p>The committee further decided that if no comments are received in wide circulation, then the draft standard shall be sent for printing in consultation with the chairman.</p> <p><u>Action Taken</u></p> <p>No comments received by due date. The committee and Chairman Sir may kindly approve the draft standard to be sent for printing.</p> |
| 5 | IS 13972 : 1994 | Household Sewing Machines - Bobbin Winder Assembly - Specification | Mahendra Kumar Paramanik, Scientist-E, Headquarters, New Delhi | <p>ARP along with review document circulated to members. No comments received. The doc has been approved for WC</p> <p>The draft document has been prepared for WC. The same has been enclosed below.</p> <div style="text-align: center;">  WC 13972 MED 29.docx </div> <p>The document is under process for wide circulation. The committee may Kindly note.</p> |
| 6 | IS 12789 : 1989 | Household Sewing Machines - Tables And Base | Vivek Prakash, Scientist-C, Rajkot Branch Office | <p>ARP along with review document circulated to members. No comments received. The doc has been approved for WC</p> <div style="text-align: center;">  IS 12789.docx </div> <p>The draft document has been prepared for WC. The same has been enclosed below.</p> |

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|---|-----------------|---|--|-----------|--|
| | | | | | The document is under process for wide circulation. The committee may kindly note. |
| 7 | IS 14477 : 1997 | Industrial Sewing Machines (Light Duty) - Stand Specification | Mahendra Paramanik, Scientist-E, Headquarters, Delhi | Kumar New | <p>ARP along with review document circulated to members. No comments received. The committee may please approve the doc for WC.</p> <p><u>IS 14477 (24190)</u></p> <p>The draft document has been sent to wide circulation on 21 Nov 2023 incorporating the recommendation of Joint Panel meeting held on 5-Oct-2023.</p> <p>The last date for comment is 20 Jan 2024.</p> <p>The following comments are received during the manakmanthan held by BIS, CHBO and another officer Shri Kushagra Jindal:</p> <ol style="list-style-type: none"> 1. Most of the time during running operation belts get detached from the wheel due to misalignment of wheel. A test for misalignment of wheel should be incorporated in the standard. 2. Dimension of depth of wheel groove should be incorporated. 3. As per Cl 6, Trade dimension should be minimum 4. Difference between the height of both legs should be restricted. It should be 2mm max 5. A saree guard provision to be incorporated on the wheel 6. Most of the time during running operation belts get detached from the wheel due to misalignment of wheel. A test like eccentricity check of wheel should be incorporated in the standard. |

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|----|-----------------|---|--|---|
| | | | | <p>7. Dimension of depth of wheel groove should be incorporated.</p> <p>8. As per Cl 6, Trade dimension should be minimum</p> <p>9. Difference between the height of both legs should be restricted. It should be 2mm max</p> <p>10. Minimum total weight of stand should be incorporated</p> |
| 8 | IS 13825 : 1993 | Household Sewing Machines - Arm Shaft Front Bush - Specification | "Vivek Prakash, Scientist-C, Rajkot Branch Office" | <p>ARP along with review document circulated to members.</p> <p>No comments received.</p> <p>The committee may please approve the doc for WC.</p> <p><u>IS 13825 (24195)</u></p> <p>The draft document has been sent to wide circulation on 21 Nov 2023 incorporating the recommendation of Joint Panel meeting held on 5-Oct-2023. The last date for comment is 20 Jan 2024.</p> <p><u>28th Meeting</u></p> <p>The committee further decided that if no comments are received in wide circulation, then the draft standard shall be sent for printing in consultation with the chairman.</p> <p><u>Action Taken</u></p> <p>No Comments received by the due date. The committee may kindly note and approve the document for printing.</p> |
| 9 | IS 14207 : 1994 | Household Sewing Machines - Open Type Shuttle Race Sub Assembly - Specification | Mahendra Kumar Paramanik, Scientist-E, Headquarters, New Delhi | <p>ARP circulated to members.</p> <p>No comments received.</p> <p>The committee may please approve the doc for WC.</p> <p><i>Pls see item 7.4 for decision on IS 14207</i></p> |
| 10 | IS 13120 : 1991 | Household Sewing Machines - Flywheel | Ashutosh Rai, Frbo | <p>ARP awaited.</p> <p><i>The committee may kindly discuss and decide.</i></p> |

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| | Bush Specification | | Reviewed in 2022. |
|--|--------------------|--|-------------------|

29th Meeting Decision:

The committee noted the information for sl. no. 1, 2 5, 6,.

The Committee approved the documents for revision of Indian Standards mentioned at sl. no. 3 (IS 4341), sl. no. 4 (IS 12058) and sl. 8 (IS 13825) for sending it for publication /printing.

The committee requested panel 1 to dispose of the comments received for IS 14477:1997 mentioned at sl. 7 within 30 days.

The Committee noted the information for sl. no. 9 for which item 7.4 may be referred.

The Committee noted the information mentioned at Sl. 10 and decided that a reminder may be sent.

8.4 Pre-2000 documents under review by Technical Department (Editorial)

| Sl No. | IS No. | Title | Status | Remarks | Committee decision and present status |
|--------|----------------|--|--|--|--|
| 1. | 1296 : 1989 | HOUSE HOLD SEWING MACHINE — PRESSER FOOT — SPECIFICATION | Review document with editorial changes incorporated, circulated to members for 15 days dated 03 Oct 2022. No further comments received. 20221003_MED29_IS_1296_1989_Draft_0.2.docx The Committee approved following changes in the draft: a) Remove ‘such as 14C6 of IS 1570 (Part 2)’ from Clause 4 b) Remove reference to IS 1570 (Part 2) : 1978 in Clause 2 c) Remove ‘in accordance with the best prevalent trade practice’ from Clause 12. d) Add ‘and Finish’ in title of Clause 8 Mr ID Sharma, M/s Singer agreed to review and confirm the dimension of 13.2 +-0.4. In case dimension value is changed, Mr ID Sharma agreed to provide the drawing with revised dimension. Upon confirmation from Mr ID Sharma, the committee approved the document to be sent for wide-circulation for 2 months and for printing if no comments received. | Doc has been circulate in WC dated 23.06.2023. | Committee noted the information. Document is currently under Print. Once printed a complimentary copy of the same shall be circulated to the committee Members MED 29. <u>29th Meeting Decision</u> <i>The committee noted the information.</i> |
| 2. | 1297 : 1991 | HOUSEHOLD SEWING MACHINE PRESSER BAR — SPECIFICATION | Review document with editorial changes incorporated, circulated to members for 15 days dated 11 Oct 2022. No further comments received. 20221007_MED29_IS_1297_1991_Draft_0.4.docx The Committee approved following changes in the draft: | Doc has been circulated in WC dated 23.06.2023 | Committee noted the information. Document is currently under Print. Once printed a |

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|----|-----------------|--|--|------------------------------|---|
| | | | <p>a) Remove ‘such as 14C6 of IS 1570 (Part 2)’ from Clause 4</p> <p>b) Remove reference to IS 1570 (Part 2) : 1978 in Clause 2</p> <p>c) Remove ‘had’ from Clause 7.5.</p> <p>d) Remove ‘in accordance with the best prevalent trade practice’ from Clause 12.</p> <p>The Committee decided to change thread from M3.5 to 4BA in the figure. The Committee approved the document to be sent for wide-circulation for 2 months and for printing if no comments received.</p> | | <p>complimentary copy of the same shall be circulated to the committee Members MED 29.</p> <p><u>29th Meeting Decision</u></p> <p><i>The committee noted the information.</i></p> |
| 3. | 13872 : 1993 | HOUSEHOLD SEWING MACHINE — STITCH REGULATORS — SPECIFICATION | <p>Review document with editorial changes incorporated, circulated to members for 15 days dated 16 Jan 2023. No further comments received.</p> <p>20230116_MED29_IS_13872_1993_Draft_0.2_NK_final.docx</p> <p>The Committee directed the panel to review the dimensions and drawing and provide revised draft within 15 days.</p> | Feedback awaited from panel. | <p>Committee decided to again send a reminder.</p> <p>M.S sent a reminder to the panel members via mail dated 06 Dec 2023.</p> <p>Feedback awaited from panel.</p> <p>The committee suggested the panel members to expedite the draft on IS 13872.</p> <p>The committee may kindly note and decide.</p> <p><u>29th Meeting Decision</u></p> <p><i>The committee requested Panel 1 to provide the</i></p> |

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|----|--------------|--|--|---|---|
| | | | | | <i>recommend ation/ draft within 30 days.</i> |
| 4. | 7491 1989 | :SEWING MACHINES, HOUSEHOLD — ACCURACY REQUIREMENTS (First Revision) | Review document with editorial changes incorporated, circulated to members for 15 days dated 17 Jan 2023. No further comments received. <u>20230117 MED29 IS 7491 1989 Draft 0.2 N K final.docx</u> The Committee approved the document to be sent for wide-circulation for 2 months and for printing if no comments received. | It is proposed to merge the IS 7491, IS 7492 and IS 7493. | Committee agreed to merge IS 7491, and IS 7493. IS 7492 to be kept separately. Committee further decided to assign the task of revision to Panel 1. Feedback awaited from panel 1. The M.S vide her mail on 19.12.2023 , sent reminder to the members of Panel 1 for the revision of IS 7491 and IS 7493. No response has been received yet. The committee suggested panel to expedite the process for IS 7491 and 9493. The panel 1 shall provide the draft to M.S after panel meeting. The committee may kindly note and decide. |

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|----|--------------|--|---|---|--|
| | | | | | <p><u>29th Meeting Decision</u></p> <p><i>The committee requested Panel 1 to provide the recommendation/ draft within 30 days.</i></p> |
| 5. | 7493 1989 | SEWING MACHINE, HOUSEHOLD — DURABILITY REQUIREMENTS (First Revision) | <p>Review document with editorial changes incorporated, circulated to members for 15 days dated 18 Jan 2023. No further comments received.</p> <p>20230118 MED29 IS 7493 1989 DRAFT 0.2 NK final.docx</p> <p>The Committee approved the document to be sent for wide-circulation for 2 months and for printing if no comments received.</p> | It is proposed to merge the IS 7491, IS 7492 and IS 7493. | <p>Committee agreed to merge IS 7491, and IS 7493. IS 7492 to be kept separately. Committee further decided to assign the task of revision to Panel 1.</p> <p>Feedback awaited from panel 1.</p> <p>The M.S vide her mail on 19.12.2023, sent reminder to the members of Panel 1 for the revision of IS 7491 and IS 7493.</p> <p>No response has been received yet.</p> <p>The committee suggested panel to expedite the process for IS</p> |

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| | | | | | <p>7491 and 9493.</p> <p>The panel 1 shall provide the draft to M.S after panel meeting.</p> <p>The committee may kindly note and decide.</p> <p><u>29th Meeting Decision</u></p> <p><i>The committee requested Panel 1 to provide the recommendation/ draft within 30 days.</i></p> |
|--|--|--|--|--|---|

ITEM 9 COMMENTS ON PUBLISHED STANDARDS

9.1 IS 13192 : 1991 Household sewing machines - Hand attachment assembly

The Committee directed the MS to send the editable word file of the document to Mr Surjeet Singh, M/s R&D Centre. Mr Surjeet Singh to provide the revised draft after disposing of technical comments received and incorporating technical changes in consultation with the panel within two weeks. The Committee approved wide-circulation of the draft for two months and for printing, in case, no comments received.

Draft Awaited.

The M.S sent reminder to Shri Suriender Pal Singh and Shri Vishwas Mehta of M/s R&D Centre via her mail dated 18.12.2023 to provide the final draft.

No comments were received.

Decision of 28th Meeting

The committee decided to conduct a panel meeting for IS 13192 and provide its recommendation and draft to M.S. The final draft once received from the panel shall be sent for wide circulation for 2 months in consultation with the chairperson.

Actions taken:

No comments received from panel. The committee may kindly note and decide.

29th Meeting Decision

The committee requested Panel 3 to provide the recommendation/ draft within 30 days. The draft once received will be sent to committee members for comments within 15 days . If no comments are received, the draft once received will be sent to WC for 2 months in consultation with the Chairperson MED 29.

9.2 IS 12109 General Requirements for Light Duty Sewing Machine Heads for Industrial Use

The revised draft document covering the light duty and heavy duty sewing machine head for industrial use has been received from Mr Vinay Dua, Director, Gemini Industrial Enterprises Pvt. Ltd.

Committee may please consider and decide.

*The committee earlier approved the draft to be circulated as a P-draft for comments for 1 month. However the draft has not been circulated. Also Shri Prashant Agrawal of M/s Singer vide his mail dated **02.11.2023** commented on IS 12109.*

The draft document and comments have been enclosed below.



20220927_MED29_I
S_12109_1987_Draft



Comments of Shri
Prashant Agrawal



Shri Prashant
Singer Comments or

28th Meeting Decision

The committee decided to form a panel for IS 12109. The panel details is as follows:

- a) Shri Vinay Dua of M/s Gemini (Convenor)
- b) Representative of R&D Centre Ludhiana
- c) Shri Prashant Agrawal of M/s Singer

- d) Shri Dalbir Singh Dhiman of M/s United Sewing Machine Association
- e) Shri Ashish Gupta of M/s Orra

The committee further decided that the panel will provide its recommendation to the M.S. The chairperson MED 29 requested the panel members to expedite the process and provide the draft to M.S at their earliest.

Actions taken:

No comments received from the panel. The committee may kindly note and decide. The committee may kindly discuss and decide.

29th Meeting Decision

The committee decided to add Shri Pranay Sriwastav of M/s Usha International Limited in the above panel.

The committee requested the Panel to provide the recommendation/ draft within 30 days. The draft once received will be sent to committee members for comments within 15 days . If no comments are received, the draft once received will be sent to WC for 2 months in consultation with the Chairperson MED 29.

9.3 IS 1610 : 2018 Household Sewing Machines—General Requirements(Fourth Revision)

The Committee directed the panel to finalise the draft amendment on IS 1610 for clarifying optional requirements for hand attachment, foot attachment and electrical drive in **Clause 1, 3.2 and 3.3**. Panel I to work out this item on priority within 15 days.

The Committee decided to **Reaffirm and Amend** the standard.

Amendment awaited from panel 1.

Committee decided that a joint panel meeting will take place of Panel 1 & Panel 2 on 05 Oct 2023 to dispose of the comments and provide its recommendation to the committee.

Joint Panel meeting of members of Panel 1 and Panel 2 was conducted on 05 Oct 2023. However there was no recommendation from the panel on revision of IS 1610.

Also Shri Prashant Agrawal of M/s Singer vide his mail dated 02.11.2023 commented on IS 1610.



Shri Prashant
Singer Comments on

The committee may kindly discuss and decide

28th Meeting Decision

The committee decided to form a panel for IS 1610. The panel details is as follows:

- a) Shri Vinay Dua of M/s Gemini (Convenor)
- b) Representative of R&D Centre Ludhiana
- c) Shri Prashant Agrawal of M/s Singer
- d) Shri Dalbir Singh Dhiman of M/s United Sewing Machine Association
- e) Shri Ashish Gupta of M/s Orra

The committee further decided that the panel will provide its recommendation to the M.S. The chairperson MED 29 requested the panel members to expedite the process and provide the draft to M.S at their earliest.

Actions taken:

No comments received from the panel. The committee may kindly note and decide. The committee may kindly discuss and decide.

29th Meeting Decision

The committee decided to add Shri Pranay Sriwastav of M/s Usha International Limited in the above panel.

The committee requested Panel 3 to provide the recommendation/ draft within 30 days. The draft of amendment once received will be sent to committee members for comments within 15 days . If no comments are received, the draft once received will be sent to WC for 2 months in consultation with the Chairperson MED 29.

ITEM 10 PROGRAMME OF WORK

10.1 The present programme of work of the Sewing Machine Sectional Committee, MED 29 is attached below.

[PoW_MED 29.pdf](#)

The committee noted the information.

12.2 As on 13 May 2024, three standards have operating conformity assessment licences.

| <i>IS Number</i> | <i>Title</i> | <i>No. of Licence</i> |
|--------------------------|---|-----------------------|
| IS 1610 : 2018 | Household Sewing Machines - General Requirements | 36 |
| IS 12109 : 1987 | General Requirements For Light Duty Sewing Machine Heads For Industrial Use | 21 |
| IS 15449 : Part 1 : 2004 | Household Zig-Zag Sewing Machine Head - Part 1 : General Requirements | 05 |

The committee noted the information.

ITEM 11 RECENT INITIATIVES IN THE STANDARD DEVELOPMENT PROCESS OF BIS

In the recent months, several initiatives have been undertaken to reform the standard making process in BIS with the aim to make the delivery mechanism in tune with the National needs and aspirations. These initiatives are both process initiatives as well as technical initiatives. Some of the important initiatives are:

11.1 Green Initiative by BIS

As part of 'Green Initiative' to conserve resources, the Bureau of Indian Standards (BIS) has decided to communicate with all the technical committee members only through electronic media. From 01 January 2014 onwards, the meeting notice, agenda, minutes of all technical committee meetings of BIS and other documents associated with technical committee work, such as P-drafts, WC-drafts etc. are being sent in Electronic Form only at the email addresses provided by the technical committee members. No printed documents of any kind shall thereafter be sent to the technical committee members. It may be noted that the activities of sectional committees namely, Programme of work, Composition of sectional committees, Draft standards in circulation, etc. are also available on www.bis.gov.in. Further, formats for comments on drafts and also proposals for new work items are available on the BIS website. Members are encouraged to visit BIS website on a periodical basis to be acquainted with the latest status in standards development process.

The committee noted the information.

11.2 Interaction with SDO

A number of Standards Developing Organizations (SDOs) under various Govt. Departments exist which cater to the needs of specific sectors by developing standards. It has been identified that an effort may be made to adopt such standards developed by these SDOs as Indian Standards so as to avoid duplication of work. Further these standards will also be upgraded as Indian Standards.

The committee noted the information.

11.3 Training of Committee Members

BIS Management has decided to organise a two-day residential training programme for Committee members for making them familiar with BIS working, drafting of standards etc. A brief overview is given at **Annex-C**.

[Annex C.pdf](#)

The committee noted the information.

ITEM 12 GUIDELINES FOR MEMBERS OF TECHNICAL COMMITTEES

12.1 The Committee may please note the following Guidelines provided by Competent Authority of BIS for implementation:

- i) Identification and involvement of talent available in the country related to the subject dealt by the committee and methodology to involve them in the proceedings of the Committee,
- ii) Status of standardisation in the areas dealt by the committee at international level and suggestions for improving participation in the related committees of ISO/IEC, and
- iii) Future plans and strategies to be adopted by the committee during the next 05 years aiming at contribution in related standardisation activity at national and international level.
- iv) BIS has formulated Guidelines for Funding R&D Projects for Establishment and Revision of Indian Standards, Special Publications and Handbooks for Small R&D Projects & Large R&D Projects for the purpose of Research & Development (R&D) projects for formulation/revision/amendment of Standards. A brief overview is given at **Annex-D**.

[Annex D.pdf](#)

The committee noted the information.

ITEM 13 GUIDELINES FOR INTENSIFYING PARTICIPATION OF STAKEHOLDERS IN BIS TECHNICAL COMMITTEE MEETING

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

[Annex E.pdf](#)

The committee noted the information.

ITEM 14 NEW INITIATIVES IN STANDARDIZATION

- a) 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.

b) 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.

c) 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.

d) 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, 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.

e) 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:

Indian Institute of Technology, Delhi
Indian Institute of Technology, Bombay
Indian Institute of Technology, Kanpur
Indian Institute of Technology, Madras
Harcourt Butler Technical University, Kanpur
Northern India Textile Research Association, Ghaziabad
Indian Institute of Technology, Roorkee

The committee noted the information.

ITEM 15 OTHER ACTIVITIES/INFORMATION

a) WTO-TBT ENQUIRY POINT

World Trade Organization (WTO) is the International Organization dealing with global rules of trade between nations. The Technical Barriers to Trade Agreement (TBT) tries to ensure that Regulations, Standards, Conformity Assessment procedures do not create unnecessary obstacles to trade. Manufacturers and exporters of each country need to know about the latest standards and technical regulations in their prospective markets. To help ensure that this information is made available conveniently, all WTO member Governments are required to establish National Enquiry Point. India is a signatory to the WTO TBT Agreement. Under this Agreement, India has to fulfil certain obligations such as establishing an enquiry point and transparency of its standards and its regulations. BIS functions as the inquiry point as nominated by the Ministry of Commerce, the dealing Ministry with WTO. As the WTO TBT Enquiry Point, BIS answers all the reasonable enquiries pertaining to Technical Regulation, Standards and Conformity Assessments procedures addressed to it from the Enquiry Points of other countries. It also serves as the information centre within the country. Additionally, BIS also disseminates the TBT Notifications of other member bodies to the National Stakeholders.

- i) The awareness regarding TBT notifications is lacking among various stakeholders in India and as a result India is not sending its comments on draft notifications by other countries, which may be of trade interest to India. As signatory of WTO- TBT agreement, there is a greater need for us to be aware of the TBT notifications issued by different countries in order to protect our interest.

ii) BIS disseminates the TBT Notifications of other countries to the Indian Stakeholders with a view to seek their comments and take up the same at appropriate forums. The stakeholders are expected to examine the notifications on the following aspects:

- 1) Are the notifications in accordance with International Standards?
- 2) Are they stricter than the International Standards?
- 3) Are they stricter than the International Standards than necessary to meet the legitimate objective of:
 - Protection of human health or safety
 - Animal or Plant life or health
 - Environment Protection

The BIS technical committees have also been identified as stakeholders for the TBT Notifications and relevant notifications are being disseminated to them. The committee members should examine the TBT Notifications with a view to protect Indian trade interest.

The email address of BIS enquiry point is as follows:

BIS: info@bis.gov.in

Website: www.bis.gov.in

The committee noted the information.

b) TRANSLATIONS OF INDIAN STANDARDS

This is for the information of committee members that there is a provision in BIS to translate the Indian Standards in Hindi by committee members. For this purpose they will be paid Rs. 250/- per page of A-4 size (Approx 300 words). Those members who are interested to do this job of translation can register their name with BIS details available at:

<http://www.bis.gov.in/other/EOIHT.htm>.

The committee noted the information.

ITEM 16 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:

- ii) Strengthening the use of standards and technical regulations as powerful tools to attain SDG 5 (Achieve Gender Equality and Empower all Women and Girls);
- iii) Integrating a gender lens in the development of both standards and technical regulations; and
- iv) Elaborating gender indicators and criteria that could be used in standards development.
- v) In line with these objectives, BIS aims to work towards:
 - Gender responsive standards;
 - Gender balance at all levels in all Committees including leadership positions;
 - 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 17 SUSTAINABILITY PERSPECTIVE IN INDIAN STANDARDS

- a) In keeping with India's commitment on the UN SDG 2030 and Paris Agreement on Climate Action, there will be specific focus in developing and updating standards so as to address these issues. Climate change mitigation and adaptation through reduction in carbon emissions, carbon foot-printing and life cycle analysis, carbon capture and storage, application of circular economy, ensuring resource efficiency, promoting alternative fuel technologies and renewable energy use, reducing embodied energy and improving thermal performance in buildings through building design and construction, etc would be some of the approaches/considerations in standards development.
- b) A framework that can provide guidance to the technical committees on how sustainability issues are to be addressed in Indian Standards would be developed. Some of the UN SDGs that are considered to be important from standardisation perspective are Climate Action (SDG 13), Good Health and Wellbeing (SDG 3), Gender Equality (SDG 5), Clean Water and Sanitation (SDG 6), Affordable and Clean Energy (SDG 7), Responsible Consumption and Production (SDG 12), Industry, Innovation and Infrastructure (SDG 9) and Sustainable Cities and Communities (SDG 11), and are considered as high priority areas of work. A broad range of aspects that could potentially help in addressing sustainability and climate change through standards include the use of natural resources, ensuring energy efficiency and water efficiency, reducing wastes, use of waste and recyclable materials, reducing pollution in land, air and water, protection of natural habitats, protection of biodiversity, carbon neutrality and net-zero, carbon foot-printing and LCA, application of technology and innovation around these issues, economic performance and development, addressing health and safety, social equity (including concerns like gender responsiveness and accessibility for persons with disabilities and the elderly), quality of life, etc.

The committee noted the information.

ITEM 18 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 19 DATE AND PLACE FOR THE NEXT MEETING

The Committee decided for the next meeting in the month of August.

ITEM 20 ANY OTHER BUSINESS

29th Meeting of Sewing Machines Sectional Committee, MED 29

(17-05-2023)

Members Present

| Sl No. | Organization | Member | Virtual/ Physical | Email | Contact No. |
|--------|---|--|----------------------|----------------------------|-------------|
| 1. | R & D Centre for Bicycle and Sewing Machine, Ludhiana | Shri Rakesh Pathak (<i>Chairperson</i>) | Physically | bsmcrd@gmail.com | 9501019029 |
| 2. | Brother International (India) Private Limited, Mumbai | Shri Mathew Yohannan | Physically | mathew.yohannan@brother.in | 9967609909 |
| 3. | G D Rupal Industries, Ludhiana | Shri Gurmukh Singh | Physically | g_d_rupal@yahoo.co.in | 9357510001 |
| 4. | Gee Tech Hooks, Ludhiana | Shri Manjeet Singh | Physically | manjeet59@gmail.com | 9815542342 |
| 5. | Ludhiana Sewing Machines Industries Association, Ludhiana | Shri Hardeep Singh | Virtually | gurucoindia@gmail.com | 9814030058 |
| 6. | Ludhiana Sewing Machines Industries Association, Ludhiana | ShriRajvinder Singh | Virtually | rajvinderdevgan@yahoo.com | 9814216642 |
| 7. | Makhan Sewing Machines, Ludhiana | Shri Dalbir Singh Dhiman | Virtually | makhanco@yahoo.co.in | 9463988889 |
| 8. | Narindera and Company, Ludhiana | Shri Harinder Jit Singh | Physically | nachsm@yahoo.co.in | 9914000511 |

| | | | | | |
|-----|---|--------------------------|------------|-------------------------------|------------|
| 9. | Navrang Manufacturing Corporation, Ludhiana | Shri Dinesh Kapila | Physically | info@monaindia.com | 9814923322 |
| 10. | Office of Development Commissioner (MSME), New Delhi | Shri SuvankarSantra | Virtually | dctc-er@dcmsme.gov.in | -- |
| 11. | ORAA International, Ludhiana | Shri Ashish Gupta | Physically | ashishgupta221@rediffmail.com | 9815801707 |
| 12. | Research & Development Centre For Bicycle and Sewing Machines, Ludhiana | Shri Suriender Pal Singh | Physically | spal231166@gmail.com | 9023881690 |
| 13. | | Shri Vishwas Mehta | Physically | vishwasmehta27@gmail.com | 9417559531 |
| 14. | Singer India Limited, New Delhi | Shri Prashant Aggarwal | Physically | Paggarwal@singerindia.net | 8587872228 |
| 15. | | Shri Atul Kumar Seth | Physically | aseth@singerindia.com | 9872037778 |
| 16. | | Shri I.D. Sharma | Physically | -- | 9464423161 |
| 17. | Swan Mechanical Works, Ludhiana | Shri Amarjeet Singh | Virtually | lsmia1959@gmail.com | 9815625272 |

| | | | | | |
|-----|--|------------------------------|------------|---------------------------|------------|
| 18. | United Sewing Machine & Parts Manufacturers Association, | Shri Dalbir Singh Dhiman | Virtually | usmpma@gmail.com | 9463988889 |
| 19. | Usha International Limited, Ludhiana | Shri PranaySriwastav | Physically | pranay_sriwastav@usha.com | 8427422788 |
| 20. | | Shri Rup Lal Kangla | Physically | rup_kangla@usha.com | 9592009211 |
| 21. | Uttam Sewing Machine Company Private Limited, Jalandhar | Shri Jagdeep Rai | Physically | uttam_jid@dataone.in | 9417144476 |
| 22. | Virindra Engineering Works, Ludhiana | Shri Amarpreet Singh Panesar | Physically | vew67@yahoo.co.in | 9814022602 |

Invitees

| Sl No. | Organization | Member | Virtual/ Physical | Email | Contact No. |
|--------|---|----------------------------|----------------------|--------------------------------|-------------|
| 1. | -- | Bhaskar Kumar Mukhopadhyay | Virtually | mukhopadhyay.bhaskar@gmail.com | -- |
| 2. | Ekson Engineering Industries | Shri Pahul Jot Singh | Physically | -- | 9569199185 |
| 3. | Luxmi Sewing Machines | Shri Balwinder Kumar | Physically | -- | 9646948260 |
| 4. | Snaxo Engineers, Ludhiana | Shri Sunil paul | Physically | -- | 9888027383 |
| 5 | Brother International (India) Private Limited, Mumbai | Shri Shingo Suzuki | Virtually | shingo.suzuki@brother.com.sg | -- |
| 6 | Brother International (India) Private Limited, Mumbai | Shri Yoshihisa Syouji | Virtually | yoshihisa.syouji@brother.co.jp | -- |
| 7 | Brother International (India) Private Limited | Shri Jeet Singh | Physically | -- | 9650600430 |

| | | | | | |
|----|---|---------------------|------------|-----------------------|------------|
| 8 | Ranew Engineering India Private Limited, Ludhiana | Shri Sahil Jain | Physically | -- | 9878400540 |
| 9 | Geminy Industrial Enterprises Private Limited, Ludhiana | Shri Vijay Rana | Physically | -- | 9876610539 |
| 10 | Singer India Limited, New Delhi | Shri Hridayesh Vyas | Virtually | hvyas@singerindia.com | -- |
| | Singer India Limited, New Delhi | Shri Suresh Jangra | Virtually | rnd@singerindia.com | -- |
| 11 | Usha International Limited, Ludhiana | Shri Sanjay Sharma | Physically | -- | 9959337722 |
| 12 | BIS | Aman Dhanawat | Physically | med@bis.gov.in | -- |

