



भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS

FINAL MINUTES

MEETING	DAY & DATE	TIME
30th Meeting of Sewing Machine Sectional Committee, MED 29 (Hybrid Mode) Research Development Centre For Bicycle and Sewing Machines, Address: B-38-39, Phase-V, Focal Point, Ludhiana, Punjab, India	21 August 2024	11:00 Hrs

CHAIRPERSON: Dr. Sanjeev Katoch, 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 30th meeting of MED 29. He requested all the members present to actively deliberate during the discussion of the meeting. He informed and also requested all the members to actively use the online portals of BIS and also examine and provide inputs on priority on all the Preliminary drafts and also ISO ballots received.

0.2 Dr. Sanjeev Katoch, Chairperson MED 29 extended a hearty welcome to the members present in the 30th meeting of Sewing Machines Sectional Committee, MED 29. He describes the importance of the standard for the progress of the country. He emphasized the committee members to formulation of standards with the latest technology to meet the industry requirement. He requested all the committee members to submit the reason/ justification along with any amendment or changes proposed in the existing standard or during revision of standard. He further informed that due care shall be taken if change in any parameter is affecting the other quality parameters mentioned in the standard.

ITEM 1 CHANGE OF CHAIRPERSON of MED 29 and CONFIRMATION OF THE MINUTES OF THE LAST MEETING

1.1 The chairperson of this Sectional Committee has been changed to Dr. Sanjeev Katoch as Shri Rakesh Pathak take voluntary retirement from the Department of Industries and Commerce, Punjab. General Manager, R&D centre for bicycle and sewing machines is ex-officio chairperson of Sewing Machines Sectional Committee, MED 29.

The committee noted the information.

1.2 The minutes of the last meeting of Sewing Machines Sectional Committee, MED 29 held on 17 May 2024 through Hybrid Mode was circulated to the members vide our letter no. MED 29/A-2.29 dated 11 June 2024. The last date for receipt of comments was 15 January 2024. No comments received.

There being no comments on the minutes of the last meeting, the committee formally confirmed the minutes of the 29th meeting of MED 29 held on 17 May 2024.

ITEM 2 SCOPE AND COMPOSITION OF COMMITTEE

2.1 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.

2.2 Composition of the Sectional Committee

2.2.1 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.

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

The committee noted the information.

2.2.3 Revised Nomination received from Research & Development Centre For Bicycle and Sewing Machines, Ludhiana on July 20, 2024 as mentioned below:

1. Sh. Papinder Singh, AM - Principal Member
2. Sh. Vishwas Mehta, AM - Alternate Member

3. Sh. Manpreet Singh, DTE – Alternate Member 2

The committee approved the nomination.

2.2.4 Committee concluded to remove following Organizations on the basis of Non-participation in committee (0/3 attendance in last three committee meetings) :

Sl. No.	Organization Name	Reason for Removal
1.	Rita Machines India Private Limited, Ludhiana	Non-Participation
2.	Mechanical Engineering Research and Development Organisation, Ludhiana	Non-Participation

ITEM 3 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.

3.1 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.	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	Revised Standard should say as below. “Each machine shall be fitted with a mechanism to disengage the

		During bobbin winding fly wheel is rotated which actuates bobbin winder.	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.	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 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.”

<p>3</p>	<p>3.9 Needle Position Selector</p>	<p>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 high cost must have option of needle positions even more then 3. Hence standard should be open to allow different options.</p>	<p>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 futuristic in nature & flexible for allowing future upgradation without calling for its revision, which is a time taking process & no value added.</p>	<p>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 positions shall be equivalent to the maximum bight width of the machine.</p>
<p>4</p>	<p>5 LUBRICATION</p>	<p>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</p>	<p>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</p>	<p>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,</p>

		<p>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.</p>	<p>being used in heavy engineering equipment as well.</p>	<p>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.</p>
5	<p>10. MARKING 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

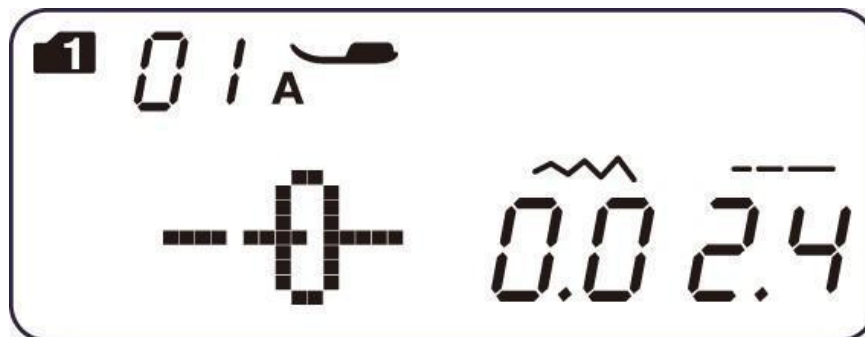
In addition to the functions of the above electronic sewing machine, various functions can be automated using computer control with a built-in microcomputer (Main board / A board). In particular, the needle position (zigzag stitch width) and feed amount (stitch length) to make the patterns are controlled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

Action Taken:

The following document were wide circulated on 12-06-2024 for 30 days.

Document Number	Document Title
MED/29/25846 IS 15449 : Part 1: 2004	HOUSEHOLD ZIG-ZAG SEWING MACHINEHEAD PART 1 GENERAL REQUIREMENTS First Revision of IS 15549 Part 1
MED/29/25848 IS 15449 : Part 2: 2004	HOUSEHOLD ZIG-ZAG SEWING MACHINEHEAD PART 2 ACCURACY REQUIREMENTS First Revision of IS 15549 Part 2
MED/29/25849 IS 15449 : Part 3: 2004	HOUSEHOLD ZIG-ZAG SEWING MACHINEHEAD PART 3 SEWING REQUIREMENTS First Revision of IS 15449 Part 3
MED/29/25850 IS 15449 : Part 4: 2004	HOUSEHOLD ZIG-ZAG SEWING MACHINEHEAD PART 4 DURABILITY REQUIREMENTS First Revision of IS 15449 Part 4

Following comments have been received from Shri Rakesh Kumar, Scientist D from Central Marks Department-III of Bureau of Indian Standards:



CMD.pdf

Comments received from Shri Ashish Gupta on July 12, 2024 as attached below:

[Email Comments IS 15449 Shri Ashish Gupta 04 Aug.pdf](#)

[Email Comments IS 15449 Shri Ashish Gupta 12 Jun.pdf](#)

Following comments (editorial changes) have been received from Shri Pranay Sriwastav thro' BIS portal:

B. Comment Detail & Action Logs				
SNo.	Clause / Subclause No.	Paragraph No./Figure No./Table No.	Type of Comment	Attachment
1	Scope	2	Editorial	N/A
Comments/Suggestions along with Justification for the Proposed Change			Points mentioned in the scope of Part 1 is missing in Part 3	
Proposed Change/Modified Wordings			Following point to be included in the scope: NOTE - Computerised controlled / operated household zig-zag sewing machine/head shall be considered as electronically operated household zig-zag sewing machine/head.	

B. Comment Detail & Action Logs				
SNo.	Clause / Subclause No.	Paragraph No./Figure No./Table No.	Type of Comment	Attachment
1	Scope	2	Editorial	N/A
Comments/Suggestions along with Justification for the Proposed Change			Points mentioned in the scope of Part 1 is missing in Part 4	
Proposed Change/Modified Wordings			Following point / note to be included in the Scope: NOTE - Computerised controlled / operated household zig-zag sewing machine/head shall be considered as electronically operated household zig-zag sewing machine/head.	

The committee may discuss and decide.

Moreover, regarding draft standard for embroidery machines, from Shri Suresh Singar from M/s Singer India Limited, is still awaited. The committee may discuss and decide.

Panel Meeting held on 16 Aug 2024.

Shri Ashish Gupta sent the revised draft as mentioned below.



IS 15449 Draft discussion_.pdf



IS_15449_-_Part_3_-_IS_15449_-_Part_2_-_IS_15449_-_Part_1_-_IS_15449_-_Part_4_-_Mechanical__Elect_Mechanical__Elect_Mechanical__Elect_Mechanical__Elect

30th Meeting Decision

The committee discussed all the comments received and decided the following:

For revision of IS 15449 (Part 1) Household zig - Zag sewing Machine/Head : General requirements (Ref: WC document : MED/29/25846)

- (i) *The title mentioned in WC document is correct and no change required;*
- (ii) *It shall be mentioned in the NOTE under cl. 1 Scope that this standard does not cover Embroidery Sewing machines.*
- (iii) *Some of the committee members have expressed during the meeting that for more clarity in cl. 1 Scope, it shall be replaced by “This standard covers all types of zigzag sewing machines, excluding embroidery sewing machines.”
It was decided by the committee that final scope to be mentioned in the standard shall be finalized in consultation with Head, MED, BIS. Accordingly, the in consultation with Head, MED, BIS, cl. 1 scope has been finalized as follows:*

“This standard (Part 1) covers the general requirements for household zig-zag sewing machine/head which includes mechanical or electronically controlled zig-zag operations.

NOTE — This standard covers all types of zig-zag sewing machine/head, excluding embroidery sewing machine.”

- (iv) *Cl 3.5 shall be replaced by “There shall be a suitable arrangement for disengaging the Sewing operation during the Bobbin Winding operation.”;*
- (v) *Second sentence in Cl. 5 (Lubrication) shall be replaced by “If required, provision shall be made for ready and proper application of lubricant to the locations as mentioned in the Instruction manual to be supplied along with the Sewing machine / Head.”;*
- (vi) *First sentence in cl. 8.4 shall be replaced by “If the sewing machine contains electrical components, it shall meet the safety requirements given in the following clauses of IEC 60335 Part 2 Section 28.”;*
- (vii) *Cl. 8.5 shall be replaced by “If applicable, the plugs and sockets used in the sewing machines shall conform to IS 1293.;*
- (viii) *Cl. 8.6 shall be replaced by “ If applicable, the power cord used in the sewing machines shall conform to IS 694 or IS 9968 (Part 1) or IS 9968 (Part 2), as applicable.;*
- (ix) *First sentence in Cl. 9.1 shall be replaced by “The following items shall be supplied with each machine.”*
- (x) *It was decided by the committee that cl. 10 and 10.1 for Marking to be mentioned in the standard shall be finalized in consultation with Head, MED, BIS. Accordingly, the in consultation with Head, MED, BIS, marking clause has been finalized as follows:*

“10.1 In addition to marking requirements specified in 7 of IEC 60335-2-28 (if applicable), each sewing machine/head shall be identified by a name plate or a screen print or sticker giving the name of model, manufacturer’s name or trademark. The serial number of the sewing machine/head shall either be engraved/punched/printed or a suitable sticker may be pasted on the machine.”

For revision of IS 15449 (Part 2) Household zig - Zag sewing Machine/Head : Accuracy requirements (Ref: WC document MED/29/25848) , Part 3: Sewing Requirements (Ref: WC document MED/29/25849) and Part 4: Durability Requirements (Ref: WC document: MED/29/25850):

- (i) *A NOTE shall be added in standards for all parts to Clause 1 of the scope, in line with the note in Clause 1 of IS 15499 Part 1, in consultation with the chairperson.*
- (ii) *Cl.3.2 in WC document of IS 15449 (Part 4) shall be replaced by “If applicable, as specified by the manufacturer in the instruction manual, all moving parts shall be lubricated with oil at the beginning and after every 2 h during the test.”*

The Committee approved that with above mentioned changes, the finalized draft shall be sent for printing, in consultation with the chairperson and Head, MED, BIS.

For New Standard on Embroidery Sewing Machine:

The chairperson requested members from M/s Singer India Limited shall examine the working draft received from Shri Mathew Yohanan and provide their recommendation within 15 days.

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 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	Household sewing machines -	March, 2020	March, 2025	Committee is

	1294 : 1989	Bobbins - Specification			requested to approve the standard for archiving
	IS 1295 : 8 1990	Household sewing machines - Needle bar - Specification	February, 2021	February, 2026	Committee is requested to approve the standard for archiving
	IS 3375 : 9 1991	Household sewing machines - Bobbin case - Specification (Second Revision)	January, 2022	January, 2027	Committee is requested to approve the standard for archiving
	IS 4181 : 10 1967	Specification for feed fork for sewing machines for household purposes	February, 2021	February, 2026	Committee is requested to approve the standard for archiving
	IS 4188 : 11 1996	Household sewing machines - Oscillating shaft - Specification (First Revision)	February, 2021	February, 2026	Committee is requested to approve the standard for archiving
	IS 4342 : 12 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
	IS 4632 : 13 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
	IS 4735 : 14 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
	IS 8892 : 15 1978	Specification for bobbins for sewing machines with rotating hooks for industrial use	February, 2021	February, 2026	Committee is 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.

Action Taken

Recommendation not received from the panel. The committee may discuss and decide.

30th Meeting Decision

Shri Harinder Jeet Singh from M/s Nqarinder & Company have informed that the above mentioned Indian Standards pertains to Components / Parts of sewing machines which are important and most of them shall be made mandatory for BIS certification. Shri Prashant Agarwal from M/s Singer India Limited that making these standards mandatory will reestict the innovation because as long as final product i.e. sewing machines are safe and performing asper standard, manufacturers shall not be compulsorily required to refer parts / components standard. Most of these standards covers Engineering drawings and dimensions of components/ parts which are generally not referred by stakeholders now a days as the components are designed according to specific models and to focus on final product i.e. sewing machines doing required performance and ensuring safety. Shri Ashish Gupta from M/s ORAA International also opined that standards for parts/ components of sewing machines shall not be made mandatory as they that will restrict the innovation related to component design.

After above mentioned deliberations, the committee decided to revise the panel members in Panel 1. The panel details of Panel 1 is as follows:

- a) Shri Papinder Singh of R & D Centre for bicycles & sewing Machines (Convenor)*
- b) Shri Harinder Jit Singh of Narindera and Company, Ludhiana*

- c) Shri Gurmukh Singh of G D Rupal Industries, Ludhiana
- d) Shri Manjeet Singh of M/s Gee Tech Hooks.
- e) Shri Dinesh Kapila of M/s Navrang Manufacturing Corporation, Ludhiana
- f) Shri Ashish Gupta of M/s ORAA International
- g) Shri Prashant Aggarwal of M/s Singer India Limited, New Delhi
- h) Shri Rup Lal Kangla of M/s Usha International Limited, Ludhiana
- i) Shri Amarpreet Singh Panesar of M/s Virindra Engineering Works
- j) 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 with reason else working draft for revision of Standard within 30 days. The Panel may start with

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. See SI No. 5 of Item 4.
2	IS 12789 : 1989	Household sewing machines - Tables and base	2020	March, 2025	WC on 02-07-2024
3	IS 12798 : 1989	Household sewing machines - Flywheels – Specification	2020	March, 2025	To be archived See SI No. 6 of Item 4.
4	IS 1294 : 1989	Household sewing machines - Bobbins - Specification (Third Revision)	2020	March, 2025	To be archived. See SI No. 7 of Item 4.
5	IS 1296 : 1989	Household sewing machine - Presser foot - Specification (Third Revision)	2020	March, 2025	Published in June 2024  IS 1296_2024.pdf
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	WC on 02-07-2024.
10	IS 15312 : 2003	Method of test for seam puckering on materials sewn by industrial sewing machines	2020	March, 2025	Reaffirmed
11	IS 15313 : 2003	Method of test for vibration measurement for industrial sewing machines	2020	March, 2025	Reaffirmed
12	IS 15314 : 2003	Method of tests for tightness and balance of stitches on seam sewn by industrial sewing machines	2020	March, 2025	Reaffirmed
13	IS 15449 (Part 1) : 2004	Household zig - Zag sewing machine head: Part 1 general requirements	2020	March, 2025	See ITEM 3
14	IS 15449 (Part 2) : 2004	Household zig - Zag sewing machine head: Part 2 accuracy requirements	2020	March, 2025	See ITEM 3
15	IS 15449 (Part 3) : 2004	Household zig - Zag sewing machine head: Part 3 sewing requirements	2020	March, 2025	See ITEM 3
16	IS 15449 (Part 4) : 2004	Household zig - Zag sewing machine head: Part 4 durability requirements	2020	March, 2025	See ITEM 3

29th Meeting Decision

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

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

See Item 3 for SI No. 13 to 16.

Action Taken

IS 15312 : 2003, IS 15313 : 2003 and IS 15314 : 2003 (Sl. No. 10 to 12) have been reaffirmed as decided by the committee.

30th Meeting Decision:

The committee noted the information.

4.3 NEW WORK ITEM PROPOSALS (NWIP)

4.3.1 MED 29 conducted a Special Meeting to discuss the R&D projects and ToR. The draft ToR was prepared and circulated to the committee members, last date for comment was 30 Nov 2023. No comment was received. The same was sent for finalized to the chairman MED 29 via mail 01 Dec 2023.

The chairperson MED 29 finalized the ToR via his mail dated 05 Dec 2023.

Sl. No.	NWIP subject
1	Overlock Sewing Machine
2	Leather Stitch Machine

30th Meeting Decision

The committee approved the document for R&D and requested M.S. to take further actions for taking up above NWIPs through R & D project.

4.4 SINGLE NEEDLE LOCK STITCH INDUSTRIAL SEWING MACHINE

The Committee constituted a panel for this subject:

- a) Rep from R & D Centre (Convener)
- b) Mr Dheeraj Sahani, M/s Singer India Limited
- c) Mr Manjeet Singh, M/s Gee Tech Hooks
- d) Mr Prashant, M/s Singer India Limited

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

Chairman informed that M/s United Sewing Machines has provide the machine for R& D purpose. The panel has agreed to provide its recommendation by end of July 2023.

28th Meeting decision

The committee deliberated on the agenda point.

The committee further decided that Shri Surinder Pal singh and Shri Vishwas Mehta of M/s R&D Centre will submit the report to M.S in first week of January 2024.

Reply Awaited.

The committee may discuss and decide.

30th Meeting Decision

The Committee decided to involve Shri Papinder Singh in place of Mr Surinder pal Singh (retired) and Mr Vishwas Mehta in this case. Further Shri Ashish Gupta from M/s ORAA International informed that he has prepared a draft document (working draft) for this subject.

The committee decided MS to examine the draft document and if found appropriate , to send the draft document for P-Draft for 30 days with the approval of chairperson.

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:



WCMED719156_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 15days . If no comments are received, the same shall be sent into printing in consultation with the Chairperson MED 29.

Actions Taken:

As per attachment in email dated 31st May 2024 from Shri Vishwas Mehta mentioning the panel meeting was held on 25-05-2024, it was informed that the Panel decided the categories of sewing machines and the terminology which is used in it. The detailed list of new terms identified for inclusion in Glossary was attached as **Annex-A**. Also, the Glossary of terms will be drafted by the assigned members within 15-20 days.



MED - 29 panel
Meeting suggestion



Minutes_of_Meetin
g_-_Panel_1_-_May_2

A mail sent on July 12, 2024 to Panel 1 and reminder mail sent on July 24, 2024 and 01 Aug 2024.



Reminder_ [MED29]
Request to give stat

Reply from Panel 1 is not received.

The committee may discuss and decide.

30th Meeting Decision

The Committee reconstituted Panel -1 as follows:

- a) Shri Papinder Singh of R & D Centre for bicycles & sewing Machines (Convenor)
- b) Shri Harinder Jit Singh of Narindera and Company, Ludhiana
- c) Shri Gurmukh Singh of G D Rupal Industries, Ludhiana
- d) Shri Manjeet Singh of M/s Gee Tech Hooks.
- e) Shri Dinesh Kapila of M/s Navrang Manufacturing Corporation, Ludhiana
- f) Shri Ashish Gupta of M/s ORAA International
- g) Shri Prashant Aggarwal of M/s Singer India Limited, New Delhi
- h) Shri Rup Lal Kangla of M/s Usha International Limited, Ludhiana
- i) Shri Amarpreet Singh Panesar of M/s Virindra Engineering Works
- j) Shri Vijay Rana of M/s Geminy Enterprise Pvt, Ltd

The committee requested Shri Ashish Gupta and other members of Panel 1 to provide the recommendation/draft within 30 days. The draft once received will be sent to committee members for comments within 15days . 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/figure/No. commented	Commentator/ Organization / Abbreviation	Type of Comments (General/Editorial/ Technical)	Justification	Proposed change	Committee Decision	Action Taken

1.	Title	BIS	Technical	Rename title to make concise and meaningful.	Household sewing machine needles Specification	The comment was accepted.	Incorporated in draft document
2.	4.1.1	BIS	Editorial		4.1.1 Typical compositions of two types of steel suitable for needle are given in Table 1.	The comment was accepted.	Incorporated in draft document
3.	Table 2, (vii)	AC	Technical	Tolerance	Tolerance (+)0.05 (-) 0	The comment was accepted.	Incorporated in draft document
4.	Table 2, (vii) & (viii)	AC	Technical	vii) G , viii) H should be shown in figure		The committee noted G & H are shown in fig. A clear figure will be provided by the Panel.	Incorporated in draft document
5.	Table 2, (ix) & x)	AC	Technical	ix) I and x) J ... should be shown in figure		The committee noted I & J are shown in fig. A clear figure will be provided by the Panel.	Incorporated in draft document
6.	Table 2 (xi) and 9.2.1	AC	Technical	Bend add cl 9.2 in table		The Committee corrected the bend of the size 18 needle as 0.38.	Incorporated in draft document
7.	Table 2 (xii)	AC	Technical	Add IS 1501 in table		The comment was not accepted as there is no reference to IS 1501 (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 and 21, however in Amnd 1 the needle size 19 and 21 were removed. Why?	Add needle size 19 and 21.	Members informed that these needle sizes are not prevalent. The Committee decided to add needle size 19 and 21. The Panel will provide tolerance for these sizes.	Reminder sent to panel on 14 Dec 2022 Response awaited. Write to Brother India for HAx1 size 19

							and 21 whether they are manufactured or used or not. Shri Ashish Gupta to contact M/s Groz Beckert, Chandigarh for inputs and respond to panel within a weeks time.
9.	7.1	AC	Technical	Designated as per needle size, fig 1 or fig 2 , cl 8.2	Needle 14 SS IS 2181 Fig 2	The comment was accepted and decided to add a point of the needle (SS, RS, and LB) in designation.	Incorporated in draft document
10.	8.2	BIS	Technical	Reword the following	The shape of the needles shall be as under:	The comment was accepted.	Incorporated in draft document
11.		AC	Technical		Add annex A of IS 3290	The comment was not accepted as list of standards components is not required.	Incorporated in draft document
12.		BIS	Technical	Sampling and its related annex may be added as given in original standard.	Add clause 10 and Annex B	The comment was accepted.	Incorporated in draft document

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

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

20230109_MED29_IS2181(19238)_WC0.1.docx

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

20221214_MED29_ITEM4.4.pdf

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

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:



WC MED29_IS 2181
(1).pdf

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.

Action Taken

While sending the document for publication, some discrepancies were observed in the draft standard for revision. An email sent to Shri Ashish Gupta on July 2, 2024 and reply received on 12 Jul 2024 as attached follow.



Re_Reminder_
Request to re-exami

The committee discuss and decide. The Committee may approve the earlier document for publication incorporating the changes informed by Shri Ashish Gupta as mentioned above.

30th Meeting Decision

The Committee agreed that the reply by Shri Ashish Gupta is appropriate and these are typographical / clerical mistakes. Committee approved the document for printing advising M.S. to incorporate the changes mentioned by Shri Ashish Gupta in reply vide email dated 12.07.2024 in F-draft finalized for printing.

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 requirements 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	The comment was accepted. The Committee	Mail Sent on 23rd dec

					has been referred which is for single phase. Also see clause 4.2	requested the Panel to provide the correct reference standard.	2022. Respons awaited. <i>The Committ ee 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.	Incorpor ated 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 standar 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. Responses 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	The limit of sound to be verified. Sound test/ dB meter requirement for the	The comment was accepted. The Committee requested the Panel	Mail Sent on 23rd dec 2022.

				rules and regulations be added and identify standard to establish conformance.	measurement should be added.	to provide the requirement.	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	Incorporated in draft document

						parts list with identification numbers.	
10.		AC	Technical	Suitable safety requirements can be adopted from Indian Standard IS 302 (different parts)		The comment was accepted and decided to revise as follows: 11.5.5 <i>Protection Against Electric Shock</i> Electric shock by direct contact shall be prevented. Protection against electric shock shall be as per IS 302-1.	Incorporated in draft document

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 (**Convener**)
- 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.

Actions Taken:

As per attachment in email dated 31st May 2024 from Shri Vishwas Mehta mentioning the panel meeting was held on 25-05-2024, it was informed that Mr. ID Sharma will discuss IS 11737 with the Industrial Bag stitching machine suppliers and received inputs will send to shri Ashish Gupta for further necessary action. Also, At least two manufacturers of Bag Closer machines to

be co-opted in the Panel for drafting the Standard. Once the data is collated, the draft standard will be provided by shri Ashish Gupta.



MED - 29 panel
Meeting suggestion



Minutes_of_Meeting_Panel_1_-_May_2024

An email sent on July 12, 2024 to Panel 1 and reminder mail sent on July 24, 2024 and 01 Aug 2024.



Reminder_ [MED29]
Request to give stat

Reply from Panel 1 is not received.

The committee may discuss and decide.

30th Meeting Decision

The Committee reconstituted Panel -1 as follows:

- a) *Shri Papinder Singh of R & D Centre for bicycles & sewing Machines (Convenor)*
- b) *Shri Harinder Jit Singh of Narindera and Company, Ludhiana*
- c) *Shri Gurmukh Singh of G D Rupal Industries, Ludhiana*
- d) *Shri Manjeet Singh of M/s Gee Tech Hooks.*
- e) *Shri Dinesh Kapila of M/s Navrang Manufacturing Corporation, Ludhiana*
- f) *Shri Ashish Gupta of M/s ORAA International*
- g) *Shri Prashant Aggarwal of M/s Singer India Limited, New Delhi*
- h) *Shri Rup Lal Kangla of M/s Usha International Limited, Ludhiana*
- i) *Shri Amarpreet Singh Panesar of M/s Virindra Engineering Works*
- j) *Shri Vijay Rana of M/s Geminy Enterprise Pvt, Ltd*

The committee requested Panel 1 to provide the recommendation/ draft within 2 months. Panel 1 may discuss and take help of manufacturers of Bag Closer Machines to reach to final conclusion. . 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/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
1.	2 and 6	AC	Technical	Refer IS 1501 for hardness test		The comment was accepted.	Incorporated 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 sent 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.

Actions Taken:

As per attachment in email dated 31st May 2024 from Shri Vishwas Mehta mentioning the panel meeting was held on 25-05-2024, it was informed that the last draft standard is finalized by the Panel and same is proposed for printing.



MED - 29 panel
Meeting suggestion



Minutes_of_Meetin
g_-_Panel_1_-_May_2

The committee may approve the document(last fianlized draft) for printing as recommended by the panel.

30th Meeting Decision

Committee approved the document for printing as recommended by panel mentioned above.

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.

Action Taken

While sending the document for publication, it was observed that the document finalized for printing have several comments mentioned, for which the decision taken are not available/ found in earlier relevant minutes of meeting.

The committee may discuss on these comments and decide. The committee may also finalize the document for printing and also give approval for that finalized document for printing.

30th Meeting Decision

The Committee agreed that the title of the Indian Standard (revision) shall be kept as mentioned in last version of Indian Standard. Committee again approved the document for printing.

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
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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

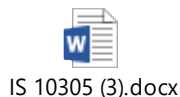
27th Meeting decision

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. .

Actions Taken:

As per attachment in email dated 31st May 2024 from Shri Vishwas Mehta mentioning the panel meeting was held on 25-05-2024, it was informed that Mr. ID Sharma withdrawn his comments and now the panel is proposed the draft for final printing. Panel agreed to send the document for printing.



MED - 29 panel Meeting suggestion



Minutes_of_Meeting_Panel_1_-_May_2024

The committee may approve the document (last finalized draft) for printing as recommended by the panel.

30th Meeting Decision

Committee approved the document for printing as recommended by the panel.

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

In table at SI 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/ paragraph/ 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 Lifting Rock Shaft Crank — Specification	The comment was accepted.	Incorporate 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 panel 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 panel 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.

Actions Taken:

As per attachment in email dated 31st May 2024 from Shri Vishwas Mehta mentioning the panel meeting was held on 25-05-2024, it was informed that

Proposed dimension:

- Hole dia. 5.588/5.613 in place of 5.550/5.565.

Panel agreed to incorporated the proposed dimension in the draft standard. The same was already incorporated in the last finalized draft.

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



MED - 29 panel
Meeting suggestion



Minutes_of_Meetin
g_-_Panel_1_-_May_2

The committee may approve the document (last finalized draft) for printing as recommended by the panel.

30th Meeting Decision

Committee approved the document for printing as recommended by the panel.

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/fig. 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
1.	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:

S l . N o	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	Diameter	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.

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.

Actions Taken:

A mail sent on July 12, 2024 to Panel 3 and reminder mail sent on July 24, 2024 and 01 Aug 2024.



Reminder_ [MED 29]
Request to give stat

As per attachment in email dated 31st May 2024 from Shri Vishwas Mehta mentioning the panel meeting was held on 25-05-2024, it was informed that

Proposed dimension:

- 10.35/10.60 in place of 10.62/10.87

Panel agreed to incorporated the proposed dimension in the draft standard.



MED - 29 panel
Meeting suggestion



Minutes_of_Meetin
g_-_Panel_1_-_May_2024

The finalized draft from Panel 3 is still not received. The committee may discuss and decide.

30th Meeting Decision

Committee rejected the comments on draft standard as the same were not found relevant to this Indian Standard. It was discussed and informed by panel members that these comments are by mistake sent for this Indian standard revision, actually that was pertaining to different IS.

The committee requested Panel 3 to again re-examine and 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.																							
<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Clause/Sub-clause/para/table/fig. No. commented</th> <th>Commentator/Organization/Abbreviation</th> <th>Type of Comments (General/Editorial/Technical)</th> <th>Justification</th> <th>Action Taken</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4.1</td> <td>BIS</td> <td>Technical</td> <td>Grade 15 of IS: 210-1962 is not present in the revised</td> <td>Appropriate grade from IS 210:2009 may be added.</td> </tr> <tr> <td>2</td> <td>4.1</td> <td>BIS</td> <td>Technical</td> <td>There are many parts of IS 1570.</td> <td>Appropriate grade from relevant IS 1570:1978 may be added.</td> </tr> </tbody> </table>						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.
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.do
cx

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.

Action Taken

The finalised draft is in the process for wide circulation.

The committee may please note the information.

30th Meeting Decision

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 revised as IS/ISO 1501:2009 and is in 4 parts.	Suitable part of IS/ISO 1501:2009 with relevant 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.

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.

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.

Action Taken

The finalised draft is in the process for wide circulation.

The committee may please note the information.

30th Meeting Decision

Committee noted the information.

6.3 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.

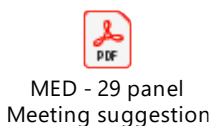
Actions Taken:

As per attachment in email dated 31st May 2024 from Shri Vishwas Mehta mentioning the panel meeting was held on 25-05-2024, it was informed that

Proposed dimension for Fork size:

- 16.008/15.989 in place of 16.018/16.000

Panel agreed to incorporated the proposed dimension in the draft standard. The same was already incorporated in the last finalized draft.



The committee may approve the document (last finalized draft) for Wide Circulation for 60 days as recommended by the panel.

30th Meeting Decision

Committee approved the draft document for WC for 60 days.

6.4 Revision of IS 9874:1981 Specification for arm and bed assembly for sewing machines for household purposes

Rep from R & D Centre informed that the revised draft of IS 9874 will be provided within 1 week. The Committee decided to wide-circulate the document for 2 months. It also approved MS to make editorial corrections. It was decided to harmonise the way of writing the title of Indian Standards under MED 29 and change the title to ‘Household sewing machines – Arm and bed assembly – Specification’.

Committee nominated Mr Surinder pal Singh and Mr Vishwas Mehta in place of Mr Surjeetsingh of M/s R&D Centre.

Nominated members agreed to send the figure within last week of July 2023.

28th Meeting decision

The committee again requested Shri Vishwas Mehta of M/s R&D Centre to provide the revised fig. of IS 9874.

Shri Vishawas Mehta agreed to provide the revised fig. by 29.12.2023.

Actions Taken: The revised figure of IS 9874 is awaited.

The committee may discuss and decide.

30th Meeting Decision

Committee discussed and found that the comments made oon Indian Standard are not appropriate and have rejected the comments made on the IS earlier for revision. The committee approved the document for WC after editorial changes by the M.S..

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 Ruplal 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.

Actions Taken:

As per attachment in email dated 31st May 2024 from Shri Vishwas Mehta mentioning the panel meeting was held on 25-05-2024, following dimensions were proposed to be incorporated

- Pitch 39.40/39.20 in place of 39.50/39.65
- Height 10.35/10.60 in place of 10.64/10.85
- Width 13.90/14.10 in place of 13.005/15.554
- Thread 4 B.A. in place of M3.5



MED - 29 panel
Meeting suggestion



Minutes_of_Meetin
g_-_Panel_1_-_May_2024

The committee may discuss and decide. Some of the dimensional changes proposed in email dt 31.05.2024 were already incorporated in document under WC. The Committee may approve the document under WC for printing incorporating the changes proposed in email dt 31.5.2024 as mentioned above, after getting approval of finalized draft from the chairperson.

30th Meeting Decision

The comments made by the panel were discussed and the committee rejected these changes proposed by the panel. However, based on the discussion, the committee finalized that the document under wide s=circulation shall be sent for final printing.

The Committee approved the draft document already under WC (Document No. [MED/29/19430](#)) to be sent for printing.

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 comment. 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 to print

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.doc



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.

Actions Taken:

As per attachment in email dated 31st May 2024 from Shri Vishwas Mehta mentioning the panel meeting was held on 25-05-2024, it was informed that the following are proposed dimensions:

- Pitch 62.450/62.350 in place of 62.41/62.465
- Inner dia.42.60/42.615 in place of 42.672/42.647
- Offset 4.30/4.45 in place of 4.331/4.305
- Inner dia.64.585/64.550 in place of 64.584/64.554



MED - 29 panel Meeting suggestion



Minutes_of_Meeting_Panel_1_-_May_2024

However, the proposed dimensions are of type A or type B is not clearly mentioned. Moreover, some of the dimensions in draft document could not be found.

The committee may discuss and decide.

30th Meeting Decision

The committee discussed on the recommendations of the panel. Based on discussions during the meeting the committee decided the following changes only for type A Closed-Type Shuttle Race Assembly:

<i>Dimension</i>	<i>Changes from existing standard</i>
<i>A</i>	<i>62.450/62.350 in place of 62.41/62.465 (Already changed in WC)</i>
<i>F</i>	<i>42.600/42.615 in place of 42.672/42.647</i>
<i>K</i>	<i>Offset 4.30/4.45 in place of 4.331/4.301</i>
<i>E</i>	<i>64.585/64.550 in place of 64.584/64.554</i>

A Foot Note shall be added in the Table 1 as given below.

NOTE — Ovality shall not be more than ± 0.010 mm.

The committee approved that the document already under WC (Document No. [MED/29/19435](#)) shall be sent for printing incorporating the changes mentioned above.

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.

Actions Taken:

As per attachment in email dated 31st May 2024 from Shri Vishwas Mehta mentioning the panel meeting was held on 25-05-2024, it was informed that Run out **0.05** is accepted.



MED - 29 panel
Meeting suggestion



Minutes_of_Meetin
g_-_Panel_1_-_May_7

However the run out shown in draft standard finalized after comments incorporated as again attached below is not clear.



MED 29 (19807) IS
4338.docx

The committee may discuss and decide further actions for publication of revised standard.

30th Meeting Decision

The committee requested Shri Rup Lal Kangla of M/s Usha International Limited, Ludhiana to send the corrected revised figure 2 (left side figure only) given in document under WC (Document No. [MED/29/19807](#)) . Committee approved that after incorporating the revised figure in draft document under WC, it shall be sent for printing in consultation with the chairperson.

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

Actions Taken:

As per attachment in email dated 31st May 2024 from Shri Vishwas Mehta mentioning the panel meeting was held on 25-05-2024, it was informed that Offset dim. 4.30/4.45 is proposed dimension.



MED - 29 panel Meeting suggestion



Minutes_of_Meeting_Panel_1_-_May_2024

However the dimension recommended shown in draft standard finalized after comments incorporated as again attached below is not clear.



MED 29 (19812) IS 14207 (1).docx

The committee may discuss and decide further actions for publication of revised standard.

30th Meeting Decision

The committee discussed the comments of the panel and approved the last finalized document for printing.

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.

				<p>ARP submitted with draft document by officer on portal dated 28 Aug 2021. Inputs being considered by Panel.</p> <p>The Committee may please note.</p> <p>Also, Pls see item 5.3 for decision on 11737.</p> <p><i>Committee noted the information.</i></p>
2	IS 3290 : 1994	Household sewing machines thread take - Up lever sub - Assembly for cam type sewing machines specification (Third Revision)	Mohammad Aqib (Scientist C)	<p>To revise with technical change</p> <p>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.</p> <p>ARP submitted with draft document by officer on portal dated 31 Jan 2022. Inputs being considered by Panel.</p> <p>Also, Pls see item 5.4 for decision on IS 3290</p> <p><i>Committee noted the information</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>20230111_MED29_IS4341_Reminder.pdf</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</p>

				<p>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> <p>29th meeting decision:</p> <p>The committee approved the document for printing.</p> <p>Action Taken</p> <p>The finalised draft is in the process for printing. The committee may please note.</p> <p><u>30th Meeting Decision</u></p> <p><i>Committee noted the information</i></p>
4	IS 12058 :n For Slide 1987	Specificatio Plates For Sewing Machines For Household Purposes	Vivek Prakash, Scientist-C, Rajkot Branch Office I	<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 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>

				<p>29th meeting decision:</p> <p>The committee approved the document for printing.</p> <p>Action Taken</p> <p>The finalised draft is in the process for printing. The committee may please note.</p> <p><u>30th Meeting Decision</u></p> <p><i>The committee noted the information.</i></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.</p> <p>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> <p><u>Action Taken</u></p> <p>WC done on 02-07-2024 for 60 days. The last date of comments is 1st Sep 2024.</p> <p>The committee may note and discuss.</p> <p><u>30th Meeting Decision</u></p> <p><i>Committee approved the document for printing, if no comments are received till the last date of comment.</i></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.</p> <p>No comments received. The doc has been approved for WC</p>

				 IS 12789.docx The draft document has been prepared for WC. The same has been enclosed below. The document is under process for wide circulation. The committee may kindly note. <u>Action Taken</u> WC done on 02-07-2024 for 60 days. The last date of comments is 1 st Sep 2024. The committee may note and discuss. <u>30th Meeting Decision</u> <i>Committee approved the document for printing, if no comments are received till the last date of comment.</i>
7	IS 14477 : 1997	Industrial Sewing Machines (Light Duty) - Stand - Specification	Mahendra Kumar Paramanik, Scientist-E, Headquarters, New Delhi	ARP along with review document circulated to members. No comments received. The committee may please approve the doc for WC. <u>IS 14477 (24190)</u> 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. The following comments are received during the manakmanthan held by BIS, CHBO and another officer Shri Kushagra Jindal: <ol style="list-style-type: none"> Most of the time during running operation belts get detached from the wheel due to misalignment of wheel. A test for misalignment of wheel



				<p>should be incorporated in the standard.</p> <ol style="list-style-type: none"> 2. Dimension of depth of wheel groove should be incorporated. 3. As per Cl 6, Tradle 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. 7. Dimension of depth of wheel groove should be incorporated. 8. As per Cl 6, Tradle dimension should be minimum 9. Difference between the height of both legs should be restricted. It should be 2mm max 10. Minimum total weight of stand should be incorporated <p><u>29th Meeting Decision</u> The committee requested panel 1 to dispose of the comments received for IS 14477:1997 within 30 days.</p> <p><u>Action Taken</u> Reply/ Comments from Panel 1 is not received</p> <p>The committee may discuss.</p> <p><u>30th Meeting Decision</u></p> <p><i>The committee decided to revise the panel members in Panel 1. The panel details of Panel 1 is as follows:</i></p>
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				<p>a) Shri Papinder Singh of R & D Centre for bicycles & sewing Machines (Convenor)</p> <p>b) Shri Harinder Jit Singh of Narindera and Company, Ludhiana</p> <p>c) Shri Gurmukh Singh of G D Rupal Industries, Ludhiana</p> <p>d) Shri Manjeet Singh of M/s Gee Tech Hooks.</p> <p>e) Shri Dinesh Kapila of M/s Navrang Manufacturing Corporation, Ludhiana</p> <p>f) Shri Ashish Gupta of M/s ORAA International</p> <p>g) Shri Prashant Aggarwal of M/s Singer India Limited, New Delhi</p> <p>h) Shri Rup Lal Kangla of M/s Usha International Limited, Ludhiana</p> <p>i) Shri Amarpreet Singh Panesar of M/s Virindra Engineering Works</p> <p>j) Shri Vijay Rana of M/s Geminy Enterprise Pvt, Ltd</p> <p>The committee requested again Panel 1 to take the matter on priority and dispose of the comments received for IS 14477:1997 within 30 days.</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> <p>29th meeting decision:</p> <p>The committee approved the document for printing.</p>




				<p>Action Taken</p> <p>The finalised draft is in the process for printing. The committee may please note.</p> <p>30th Meeting Decision</p> <p><i>The committee noted the information.</i></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. No comments received. The committee may please approve the doc for WC.</p> <p>Pls see item 7.4 for decision on IS 14207.</p> <p>30th Meeting Decision</p> <p><i>The committee noted the information.</i></p>
10	IS 13120 1991	Household Sewing Machines - Flywheel Bush Specification	Ms Khashboo Kumari, Sc-D, BIS Officer	<p>ARP awaited. Reviewed in Jan 2022.</p> <p>The committee may kindly note and discuss.</p> <p>30th Meeting Decision</p> <p><i>The committee noted the information.</i></p>
11	IS 5740 1996	Household sewing machines Memorandum on screw threads for sewing machine components (First Revision)	Ms Khashboo Kumari, Sc-D, BIS Officer	<p>ARP awaited.</p> <p>The committee may kindly note and discuss.</p> <p>30th Meeting Decision</p> <p><i>The committee noted the information.</i></p>


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.	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


			<p><u>20221003 MED29 IS 1296 1989 Draft 0.2.docx</u></p> <p>The Committee approved following changes in the draft:</p> <ul style="list-style-type: none"> 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 <p>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.</p>		<p>same shall be circulated to the committee Members MED 29.</p> <p><u>29th Meeting Decision</u></p> <p>The committee noted the information.</p> <p><u>Action Taken</u></p> <p><i>Published in June 2024.</i></p> <p><i>The committee may note the information.</i></p>  <p>IS 1296_2024.pdf</p> <p><u>30th Meeting Decision</u></p> <p><i>The committee noted the information.</i></p>
2.	1297 : 1991	HOUSEHOLD SEWING MACHINE PRESSER BAR — SPECIFICATION	<p>Review document with editorial changes incorporated, circulated to members for 15 days dated 11 Oct 2022. No further comments received.</p> <p><u>20221007 MED29 IS 1297 1991 Draft 0.4.docx</u></p> <p>The Committee approved following changes in the draft:</p> <ul style="list-style-type: none"> 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 ‘had’ from Clause 7.5. d) Remove ‘in accordance with the best prevalent trade practice’ from Clause 12. <p>The Committee decided to change thread from M3.5 to 4BA in the figure. The Committee approved</p>	<p>Doc has been circulated in WC dated 23.06.2023</p>	<p>Committee noted the information.</p> <p>Document is currently under Print. Once printed a 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> <p><u>Action Taken</u></p> <p><i>Published in June 2024.</i></p> <p><i>The committee may note the information.</i></p>  <p>IS 1297_2024.pdf</p>



			the document to be sent for wide-circulation for 2 months and for printing if no comments received.		<p><u>30th 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><u>20230116_MED29_IS_13872_1993_Draft_0.2_NK_final.docx</u></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>The committee requested Panel 1 to provide the recommendation/ draft within 30 days.</p> <p><u>Actions Taken:</u></p> <p><i>A mail sent on July 12, 2024 to Panel 1 and reminder mail sent on July 24, 2024 and 01 Aug 2024.</i></p> <div style="text-align: center;">  <p>Reminder_ [MED29] Request to give stat</p> </div> <p>As per attachment in email dated 31st May 2024 from Shri Vishwas Mehta mentioning the panel meeting was held on 25-05-2024, it was informed that Shri Ashish Gupta will send the draft standard through email within 5-10 working days.</p>

					 <p>MED - 29 panel Meeting suggestion</p>  <p>Minutes_of_Meeting_Panel_1_-_May_2024</p> <p><i>A mail received from Shri Ashish Gupta on 06 Aug 2024 as attached below.</i></p>  <p>Re_Panel decisions.pdf</p> <p><i>The committee may discuss and decide.</i></p> <p><u>30th Meeting Decision</u></p> <p><i>The committee recommended Shri Ashish Gupta of M/s ORAA International, Ludhiana will provide the revised draft of IS 13872 within 30 days. The committee approved that once the revised draft will be received, it shall be wide circulated for 30 days in consultation with the chairperson.</i></p>
4.	7491 : SEWING MACHINES, HOUSEHOLD — ACCURACY REQUIREMENTS (First Revision)	1989	<p>Review document with editorial changes incorporated, circulated to members for 15 days dated 17 Jan 2023. No further comments received.</p> <p><u>20230117 MED29 IS_7491_1989 Draft 0.2 NK final.docx</u></p> <p>The Committee approved the document to be sent for wide-circulation for 2 months and for printing if no comments received.</p>	<p>It is proposed to merge the IS 7491, IS 7492 and IS 7493.</p>	<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</p>

				<p>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 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>The committee requested Panel 1 to provide the recommendation/ draft within 30 days.</p> <p><u>Actions Taken:</u></p> <p><i>A mail sent on July 12, 2024 to Panel 1 and reminder mail sent on July 24, 2024 and 01 Aug 2024.</i></p> <div style="text-align: center;">  <p>Reminder_ [MED29] Request to give stat</p> </div> <p>As per attachment in email dated 31st May 2024 from Shri Vishwas Mehta mentioning the panel meeting was held on 25-05-2024, it was informed that Shri Ashish Gupta will send the draft standard through email within 5-10 working days.</p>
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					 <p>MED - 29 panel Meeting suggestion</p>  <p>Minutes_of_Meeting_Panel_1_-_May_2024</p> <p><i>A mail received from Shri Ashish Gupta on 06 Aug 2024 as attached below.</i></p>  <p>Re_Panel decisions.pdf</p> <p><i>The committee may discuss and decide.</i></p> <p><u>30th Meeting Decision</u></p> <p><i>The committee recommended Shri Ashish Gupta of M/s ORAA International and Shri Pranay Srivastav from M/s Usha International Limited provide the revised draft of IS 13872 within 30 days. The committee approved that once the revised draft will be received, it shall be wide circulated for 30 days in consultation with the chairperson.</i></p>
5.	7493 1989	SEWING MACHINE, HOUSEHOLD — DURABILITY REQUIREMENTS (First Revision)	Review document with editorial changes incorporated, circulated to members for 15 days dated 18 Jan 2023. No further 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.
			20230118_MED29_IS_7493_1989_DRAFT_0.2_NK_final.docx		

			<p>The Committee approved the document to be sent for wide-circulation for 2 months and for printing if no comments received.</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 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>The committee requested Panel 1 to provide the recommendation/ draft within 30 days.</p> <p><u>Actions Taken:</u></p> <p><i>A mail sent on July 12, 2024 to Panel 1 and reminder mail sent on July 24, 2024 and 01 Aug 2024.</i></p> <div style="text-align: center;">  Reminder_ [MED29] Request to give stat </div> <p><i>Reply/ Comments from Panel 1 is not received</i></p>
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					 <p>MED - 29 panel Meeting suggestion</p>  <p>Minutes_of_Meeting_Panel_1_-_May_2023</p> <p><i>The committee may discuss.</i></p> <p><u>30th Meeting Decision</u></p> <p><i>The committee recommended Shri Ashish Gupta of M/s ORAA International and Shri Pranay Srivastav from M/s Usha International Limited provide the revised draft of IS 13872 within 30 days. The committee approved that once the revised draft will be received, it shall be wide circulated for 30 days in consultation with the chairperson.</i></p>
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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.

Actions Taken:

A mail sent on July 12, 2024 to Panel 3 and reminder mail sent on July 24, 2024 and 01 Aug 2024.



Reminder_ [MED 29]
Request to give stat

A mail received from Shri Ashish Gupta on 06 Aug 2024 as attached below.



Re_ Panel
decisions.pdf

Finalized draft/ recommendation is still awaited. The committee may discuss and decide.

30th Meeting Decision

The committee discussed the comments received from panel 3(vide email t 6.8.24 from Shri Ashish Gupta) and decided that these changes will dilute the standard, means these changes are not appropriate. The committee rejected the comments on IS 13192. The committee further approved the document for WC after editorial changes for 60 days.

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 Comments of Shri Shri Prashant
S_12109_1987_Draft Prashant Agrawal Si 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.

Actions Taken:

A mail sent on July 12, 2024 to mentioned Panel and reminder mail sent on July 24, 2024 and 01 Aug 2024.



Reminder_ [MED 29]
Request to give stat

No comment received.

The committee may approve the document for printing.

30th Meeting Decision

The committee discussed the comments received from panel (vide email t 6.8.24 from Shri Ashish Gupta) and decided that these changes are not appropriate. The committee rejected the comments on IS 12109:19872. The committee further approved the document for WC after editorial changes for 60 days.

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 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.

Actions Taken:

A mail sent on July 12, 2024 to mentioned Panel and reminder mail sent on July 24, 2024 and 01 Aug 2024.



Reminder_ [MED 29]
Request to give stat

No comment received.

The committee may further discuss.

30th Meeting Decision

The committee reconstitute panel members for IS 1610. The panel details is as follows:

- a) *Shri Prashant Aggarwal of Singer India Limited, New Delhi (Convenor)*
- b) *Shri Vinay Dua of M/s Gemini*
- c) *Shri Papinder Singh of R&D Centre Ludhiana*
- d) *Shri Dalbir Singh Dhiman of M/s United Sewing Machine Association*
- e) *Shri Ashish Gupta of M/s ORAA*
- f) *Shri Rup Lal Kangla of M/s Usha International Limited, Ludhiana*
- g) *Shri Pranay Sriwastav of M/s Usha International Limited, Ludhiana*

The committee requested the Panel to review the standard and provide the recommendation/ draft for amendment or revision within 30 days.

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	31
IS 12109 : 1987	General Requirements For Light Duty Sewing Machine Heads For Industrial Use	22
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:

- i) Strengthening the use of standards and technical regulations as powerful tools to attain SDG 5 (Achieve Gender Equality and Empower all Women and Girls);
 - ii) Integrating a gender lens in the development of both standards and technical regulations; and
 - iii) Elaborating gender indicators and criteria that could be used in standards development.
- iv) 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 will decide later.

ITEM 20 ANY OTHER BUSINESS

No other business.

ANNEX A

Attendance Sheet
30th Meeting of Sewing Machines Sectional Committee, MED 29
(21-08-2024)

Members Present

Sl No.	Organization	Member	Virtually/ Physically	Email	Contact No.
1.	Research & Development Centre For Bicycle and Sewing Machines, Ludhiana	Dr. Sanjeev Katoch (Chairperson)	Physically	bsmcrd@gmail.com	8427262400
2.	Brother International (India) Private Limited, Mumbai	Shri Mathew Yohannan	Virtually	mathew.yohannan@brother.in	9967609909
3.		Shri Yoshihisa Syouji	Virtually	yoshihisa.syouji@brother.co.jp	--
4.	C.R. Auluck and Sons Private Limited, Ludhiana	Shri Sunil Auluck	Virtually	s-auluck@yahoo.co.in	--
5.	Directorate General of Quality Assurance, New Delhi	Shri R.V. Jain	Virtually	raja.vibhor@gov.in, cqaeaundh-dgqa@nic.in	9871110345
6.	G D Rupal Industries, Ludhiana	Shri Gurmukh Singh	Physically	g_d_rupal@yahoo.co.in	9357510001
7.	Geminy Industrial Enterprises Private Limited, Ludhiana	Shri B.C. Pandey	Virtually	geminyldh@yahoo.co.in	9463793736
8.	Ludhiana Sewing Machines Industries Association, Ludhiana	Shri Hardeep Singh	Virtually	gurucoindia@gmail.com	9814030058
9.		Shri Rajvinder	Virtually	rajvinderdevgan@yahoo.com	9814216642
10.	Makhan Sewing Machines, Ludhiana	Shri Dalbir Singh Dhiman	Virtually	makhanco@yahoo.co.in	9463988889
11.	Narindera and Company, Ludhiana	Shri Harinder Jit Singh	Physically	nachsm@yahoo.co.in	9914000511
12.		Shri Raghav	Virtually	raghav.kapila2018@gmail.com	--
13.	Navrang Manufacturing Corporation, Ludhiana	Shri Dinesh Kapila	Virtually	info@monaindia.com	9814923322
14.	Northern India Textile Research Association, Ghaziabad	Shri Vivek Agarwal	Virtually	vivekagarwal@nitratextile.org	9891178160
15.	Novel Sewing Machine Technologies	Shri Bharat Narayendas Parmar	Virtually	novel.bharat@gmail.com	9822025921
16.	Office of Development Commissioner (MSME), New Delhi	Shri Suvankar Santra	Virtually	dctc-er@dcmsme.gov.in, suvankar.s@dcmsme.gov.in	9007766660
17.	ORAA International, Ludhiana	Shri Ashish Gupta	Physically	ashishgupta221@rediffmail.com	9815801707
18.	Ranew Engineering India Private Limited, Ludhiana	Shri Sanjeev Kumar	Physically	Ranewengg1983@gmail.com	9878400540
19.		Shri Vishwas Mehta	Physically	vishwasmehta27@gmail.com	9417559531

20.	Research & Development Centre For Bicycle and Sewing Machines, Ludhiana	Shri Manpreet Singh	Physically	singh060045@gmail.com	9877371775
21.		Shri Papinder Singh	Physically	papinder.rupal@gmail.com	7837970702
22.	Singer India Limited, New Delhi	Shri Prashant Aggarwal	Physically	Paggarwal@singerindia.net	8587872228
23.		Shri Atul Kumar Seth	Physically	aseth@singerindia.com	9872037778
24.	Swan Mechanical Works, Ludhiana	Shri Amarjeet Singh	Virtually	dimpleswan@yahoo.com, lsmia1959@gmail.com	9815625272
25.	United Sewing Machine & Parts Manufacturers Association,	Shri Jasminder Singh	Physically	u_n_mech@yahoo.com	9316932615
26.		Shri Dalbir Singh Dhiman	Virtually	usmpma@gmail.com	--
27.	Usha International Limited, Ludhiana	Shri Pranay Sriwastav	Physically	pranay_sriwastav@usha.com	8427422788
28.		Shri Rup Lal Kangla	Physically	rup_kangla@usha.com	9592009211
29.		Shri Sanjay Sharma	Physically	Sanjay-sharma@usha.com	9959337722
30.	Uttam Sewing Machine Company Private Limited, Jalandhar	Shri Jagdeep Rai	Physically	uttam_jid@dataone.in	9417144476
31.	Voluntary Organisation in Interest of Consumer Education (VOICE), New Delhi	Shri M. A. U. Khan	Virtually	mauk010144@gmail.com	9810561495