



भारतीय मानक ब्यूरो | BUREAU OF INDIAN STANDARDS

MINUTES

Meeting	Date & Time	Venue
10 th Meeting of Safety of Machinery Sectional Committee, MED 40	29 May 2024 (Wednesday) at 11:00 h	Virtual (BIS Webex Platform)
Meeting Link: https://bismanak.webex.com/bismanak/j.php?MTID=mb91a7fd61eb9326e7b2f96d084d73bee		
Meeting No. : 2515 157 0970		
Meeting Password : MED@123		
Chairperson: Shri Vikas Dogra, Director, Ministry of Heavy Industries and Public Enterprises, Department of Heavy Industry, New Delhi		
Member Secretary: Ms Ankita Vidhyarthi, Scientist 'D'/Joint Director, Mechanical Engineering Department, Bureau of Indian Standards, New Delhi		

ITEM 0 OPENING REMARKS BY CHAIRPERSON/CONVENER

0.1 Head, Mechanical Engineering Department was unable to attend the meeting due to his presence required in another important meeting.

0.2 The chairman praised the Bureau of Indian Standards (BIS) for its proactive engagement with research institutes in forming the committee. He highlighted that, except ARAI and iCAT, numerous other esteemed organizations have joined the committee. Furthermore, he emphasized that, aligning with the agenda, several additional institutes, manufacturers and other stakeholders have shown interest in being co-opted into the committee. Consequently, he urged committee members to evaluate these co-option requests, considering the experience and credentials of the applicants. He also remarked that, although drafts have been circulated for review, the feedback in terms of comments has not met the desired standards. Therefore, he encouraged greater participation from the committee members, noting that such involvement would be highly beneficial.

ITEM 1 CONFIRMATION OF THE MINUTES OF THE LAST MEETING

1.1 The Committee *CONFIRMED* the minutes.

ITEM 2 SCOPE, COMPOSITION AND PROGRAMME OF WORK OF THE COMMITTEE

2.1 Scope

The Committee *PROPOSED* the scope to remain as -

As on date, none of the product standards have operating conformity assessment licences against them.

The committee noted the information.

ITEM 3 DRAFT STANDARDS/AMENDMENTS UNDER DEVELOPMENT

S.No	Document Number	Document Title	Doc. Type	Document Stage	Decision of the Committee
1	MED/40/24378 (Identical To: ISO/TR 24119:2015)	Safety of machinery - Evaluation of fault masking serial connection of interlocking devices associated with guards with potential free contacts	New	WC-Draft floated on 20- 03-2024. No comments received yet.	<i>Committee decided to send the document for printing.</i>
2	MED/40/24382 (Identical To: ISO/TR 22053:2021)	Safety of machinery Safeguarding supportive system	New	WC-Draft floated on 20- 03-2024. No comments received yet.	<i>Committee decided to send the document for printing.</i>
3	MED/40/24376 (Identical To: ISO 11161:2007)	Safety of machinery Integrated manufacturing systems Basic requirements	New	WC-Draft floated on 20- 03-2024. 01 comment received from Shri Girish Alawe. 24376_Comment Detail GIRISH . pdf	<i>Committee decided to send the document for printing.</i>
4	MED/40/24388 (Identical To: ISO/TR 22100- 5:2021)	Safety of machinery Relationship with ISO 12100 Part 5: Implications of artificial intelligence machine learning	New	WC-Draft floated on 20- 03-2024. No comments received yet.	<i>Committee decided to send the document for printing.</i>
5	MED/40/24379 (Identical To: ISO/TS 19837:2018)	Safety of machinery Trapped key interlocking devices Principles for design and selection	New	WC-Draft floated on 20- 03-2024. No comments received yet.	<i>Committee decided to send the document for printing.</i>
6	MED/40/24373 IS/ISO/TR 22100 : Part 3: 2013	Safety of machinery Relationship with ISO 12100 Part 3: Implementation of	Revis ion	P-Draft floated on 06-03-2024. No comments received yet.	<i>The Committee decided to send the document for wide- circulation for</i>

	(Identical To: ISO/TR 22100-3 : 2016)	ergonomic principles in safety standards			<i>60 days, and to send for printing, in case no comments were received during wide-circulation.</i>
7	MED/40/24384 (Identical To: ISO/TR 22100-1:2021)	Safety of machinery Relationship with ISO 12100 Part 1: How ISO 12100 relates to type-B and type-C standards	New	WC-Draft floated on 20-03-2024. No comments received yet.	<i>Committee decided to send the document for printing.</i>
8	MED/40/24377 (Identical To: ISO/TR 14121-2:2012)	Safety of machinery Risk assessment Part 2: Practical guidance and examples of methods	New	WC-Draft floated on 20-03-2024. No comments received yet.	<i>Committee decided to send the document for printing.</i>
9	MED/40/24381 (Identical To: ISO 20607:2019)	Safety of machinery Instruction handbook General drafting principles	New	WC-Draft floated on 20-03-2024. No comments received yet.	<i>Committee decided to send the document for printing.</i>
10	MED/40/24375 (Identical To: ISO Guide 78:2012)	Safety of machinery Rules for drafting and presentation of safety standards	New	WC-Draft floated on 07-03-2024. 04 comments received through the BIS portal. 02 from Shri Mudit Maheshwari and 02 from Shri Girish Alawe. 24375 Comment Detail GIRISH.pdf 24375 Comment Detail GIRISH 2.pdf 24375 Comment Detail MUDIT.pdf 24375 Comment Detail MUDIT 2.pdf	<i>Committee noted the comments and decided to send the document for printing.</i>

11	MED/40/24386 (Identical To: ISO/TR 22100-4:2018)	Safety of machinery Relationship with ISO 12100 Part 4: Guidance to machinery manufacturers for consideration of related IT-security cyber security aspects	New	WC-Draft floated on 20- 03-2024. No comments received yet.	<i>Committee decided to send the document for printing.</i>
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3.1 ISO 11161:2007 is currently under WC draft stage. It was also observed that Amendment 1 to ISO 11161:2007 has already been published by ISO. The committee, therefore, decided to circulate the WC draft of the amendment for 30 days.

ITEM 4 Standards due for Review 2024 - 2025

SI No.	IS No	Title	Status
1	IS 16817 : 2020 ISO 13851:2019	Safety of Machinery — Two-Hand Control Devices — Principles for Design and Selection (First Revision)	ISO standard has not changed and remains current. Committee has approved the standard for re-affirmation.
2	IS 16807 : 2020 ISO 19353 : 2019	Safety of Machinery — Fire Prevention and Fire Protection (First Revision)	ISO standard has not changed and remains current. Committee has approved the standard for re-affirmation.

ITEM 5 INTERNATIONAL ACTIVITIES

India has membership on ISO committees as listed below, related to MED 40 . Being a P-member, it is obligatory for India to vote on all the documents. The documents received from time to time are being sent to committee members for comments and voting is done accordingly.

Standards published by ISO Committee

44 Total ISO Standards	32 Latest version of ISO adopted	1 Older version of ISO adopted
11 ISO standards not adopted	0 Indigenously developed Standards	0 Amendment issued by ISO, not adopted