भारतीय मानक ब्यूरो | **BUREAU OF INDIAN STANDARDS**

Meeting	Date & Time	Venue
12th Meeting of Safety of Machinery Sectional Committee, MED 40	20 December 2024 (Friday) at 14:00 h	Physical Meeting (College of Engineering, Pune Technological University, Pune, Maharashtra, India)
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 Welcome & Opening remarks by Head, Mechanical Engineering Department.

0.2 Welcome & Opening remarks by Mr Vikas Dogra, Director, Department of Heavy Industries, Ministry of Heavy Industries and Public Enterprises, New Delhi**.**

ITEM 1 CONFIRMATION OF THE MINUTES OF THE LAST MEETING

Minutes of the 11th meeting of Safety of Machinery Sectional Committee, MED 40 held on 23 September 2024 through WebEx platform were circulated vide BIS letter No. MED 40/A-2.11 dated 05 December 2024. No Comments have been received.

The Committee may CONFIRM the Minutes.

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

2.1 Scope

Standardisation of safety of machines in airborne hazardous substances, fire, access to machinery, safe control systems, design and construction, risk reduction.

The Committee may PROPOSE any addition/deletion/modification required in the scope.

2.2 Composition of 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
f) Examine the justification and need for continuation of a member in an individual capacity who is continuing for more than six years in a sectional committee.

The committee may NOTE.

2.2.2 As per directive of the Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India, which is the Controlling Ministry of the Bureau that the composition of Sectional Committees be reviewed to replace the persons who are continuing for longer periods, to co-opt the members/organisations which are capable of contributing in emerging new technologies and new areas of work and strength of the manufacturers should be restricted to **1/3** of the total strength of the Technical Committees

2.2.3 The present composition of the Safety of Machinery Sectional Committee, MED 40 is given in **Annex-A**. The list also shows the attendance of the members in the last three consecutive meetings.

2.3 Co-options and the Revised Nominations

No new co-option requests were received .

2.4 Programme of Work

The present programme of work of the Safety of Machinery Sectional Committee, MED 40 is attached below. (No. of Published Standards is **43**)

POW_MED40_15-DEC-2024.pdf

The committee may NOTE.

2.4.1 Standards Under Certification

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

The committee may NOTE.

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

3.1 Proposed meeting Calendar for FY 2024-25 is as follows:

Committee	**Q1 2024-25**	**Q2 2024-25**	**Q3 2024-25**	**Q4 2024-25**
	10th Meeting	**11th Meeting**	**12th Meeting**	**13th Meeting**
	May	September	December	February
MED 40	May 29 , 2024 Wednesday	September 23, 2024 Monday	December 20, 2024 Friday	February 21 , 2025 Friday

The Committee may NOTE.

ITEM 4 DRAFT STANDARDS/AMENDMENTS UNDER DEVELOPMENT

Sl No.	Document Number	Document Title	Doc. Type	Document Stage
1)	**MED/40/24373** IS/ISO/TR 22100 : Part 3: 2013 (Identical To: ISO/TR 22100-3 : 2016)	Safety of machinery Relationship with ISO 12100 Part 3: Implementation of ergonomic principles in safety standards	Revision	WC-Draft floated on 31-07-2024. No comments received yet. To be sent for publication.

The Committee may NOTE.

ITEM 5 DRAFT STANDARDS/AMENDMENTS UNDER PUBLICATION

Sl No.	Document Number	Document Title	Doc. Type	Publication Stage
1)	MED/40/24376 (Identical To: ISO 11161:2007)	Safety of machinery - Integrated manufacturing systems - Basic requirements	New	PDF Sent To Technical Department Already adopted by BIS in PGD 18. Therefore, NWIP is to be dropped on the approval of the committee. IS 15296-ISO 11161-PGD-18-BIS.pdf

The Committee may NOTE.

ITEM 6 Standards Due for Review 2024 - 2025

Sl 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)	*Reviewed in 2024.*
2)	IS 16807 : 2020/ ISO 19353 : 2019	Safety of Machinery — Fire Prevention and Fire Protection (First Revision)	*Reviewed in 2024.*

The Committee may NOTE.

ITEM 7 INTERNATIONAL ACTIVITIES

7.1 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.

7.2 Standards published by ISO Committee – ISO/TC 199 Safety of Machinery

44 **Total ISO Standards**	**39** **Latest version of ISO adopted**	**4** **Older version of ISO adopted**

1 **ISO standards not adopted**	**0** **Indigenously developed Standards**	**1** **Amendment issued by ISO, not adopted**

7.3 The list of active various working group working under ISO/TC 199 in liaison with MED 40 Sectional Committee is as under-

Sl No.	ISO/TC	Title	Type
1)	**ISO/TC 199**	**Safety of Machinery - Participating (P-Member)**	**Committee**
2)	ISO/TC 199/WG 2	Hygiene requirements for the design of machinery	Working Group
3)	ISO/TC 199/WG 3	Safety of integrated manufacturing systems	Working Group
4)	ISO/TC 199/WG 5	General principles for the design of machinery and risk assessment	Working Group
5)	ISO/TC 199/WG 6	Safety distances and ergonomic aspects	Working Group
6)	ISO/TC 199/WG 7	Interlocking devices	Working Group
7)	ISO/TC 199/WG 8	Safe Control Systems	Working Group
8)	ISO/TC 199/WG 10	Fire prevention and protection	Working Group
9)	ISO/TC 199/WG 11	Permanent means of access to machinery	Working Group
10)	ISO/TC 199/WG 12	Human-machine-interactions	Working Group

https://www.iso.org/committee/54604.html

The Committee may NOTE.

7.4 Working Groups Under ISO/TC 199 And Members Nominated From India

The Committee had decided to formulate internal Working Groups under MED 40 corresponding to ISO Working Groups with the objective to have a discussion group for deliberating on ISO draft standards and ballots. The members mentioned below expressed their interest to be part of the Working Groups. Nominations of the Working Groups are open and as decided in the committee , internal Working Groups structure are being circulated to all committee members to suggest more names for inclusion in the Working Groups.

The Committee may CONSIDER the composition of Working groups and DECIDE.

Sl No.	WG	Project Number	Project Title	Participation by	Internal Working Group

1.	WG 3	ISO/DIS 11161 :2023	Integration of machinery into systems	a) Shri N. Madhan , IMTMA b) Shri V. Ravindranath, M/s ITC c) Mr DB Naik, Directorate General of Mines Safety	a) Shri N. Madhan , IMTMA b) Shri V. Ravindranath , M/s ITC c) Mr Atul Bhargav , IIT Gandhinagar d) Mr DB Naik, Directorate General of Mines Safety
2.	WG 5	ISO 12100/PWI Amd I	General principles for design — RA & RR	a) Shri Vinay Girdhar Bansod , M/s PMMAI b) Mr Girish Alawe, M/s Schmersal volunteered c) Mr D. B. Naik, Directorate General of Mines Safety d) Mr Siddhesh Dalal, Macsafe e) Mr Sathiya Mohan. S, Ross Controls f) Shri Dhiraj Podutwar, Pilz India g) Shri Biswa Rath, Prazamana h) Shri Dinesh Saner, Individual capacity	a) Shri Vinay Girdhar Bansod , M/s PMMAI b) Mr V. Ravindranath , M/s ITC Limited, Kolkata c) Mr D. B. Naik, Directorate General of Mines Safety d) Mr Siddhesh Dalal, Macsafe e) Mr Sathiya Mohan. S, Ross Controls f) Mr. Amit Patel, Windsor Machines ltd. g) Mr. Pradip Vanwani, Milacron h) Shri Dhiraj Podutwar, Pilz India i) Shri Biswa Rath, Prazamana j) Shri Dinesh Saner, Individual capacity

3.	WG 6	ISO/FDIS 13855:2010	Positioning of safeguards	a) Shri Girish Alawe , M/s Schmersal India Pvt Ltd b) Mr D. B. Naik, Directorate General of Mines Safety c) Shri Dhiraj Podutwar, Pilz India d) Shri Biswa Rath, Prazamana e) Shri Dinesh Saner, Individual capacity	a) Shri Girish Alawe , M/s Schmersal India Pvt Ltd. b) Mr Mudit Maheshwari, M/s ITC c) Mr D. B. Naik, Directorate General of Mines Safety d) Shri Dhiraj Podutwar, Pilz India e) Shri Biswa Rath, Prazamana f) Shri Dinesh Saner, Individual capacity
4.	WG 6	ISO/CD 12895:2023	Whole body access	a) Shri Girish Alawe, M/s Schmersal India Pvt Ltd b) Mr D. B. Naik, Directorate General of Mines Safety c) Shri Dhiraj Podutwar, Pilz India d) Shri Biswa Rath, Prazamana e) Shri Dinesh Saner, Individual capacity	a)Shri Girish Alawe , M/s Schmersal India Pvt Ltd. b)Mr Mudit Maheshwari, M/s ITC Ltd. c)Mr DB Naik, Directorate General of Mines Safety d) Shri Dhiraj Podutwar, Pilz India e) Shri Biswa Rath, Prazamana f) Shri Dinesh Saner, Individual capacity
5.	WG 7	ISO/FDIS 14119:2023	Interlocking devices associated with guards	a) Shri Girish Alawe, M/s Schmersal India Pvt Ltd b) Shri Samir Kanchan, M/s Macsafe c) Mr D. B. Naik, Directorate General of Mines Safety	a) Shri Girish Alawe , M/s Schmersal India Pvt Ltd b) Shri Samir Kanchan , M/s Macsafe c) Mr D. B. Naik, Directorate General of Mines Safety d) Shri Dhiraj Podutwar, Pilz India

				d) Shri Dhiraj Podutwar, Pilz India e) Shri Dinesh Saner, Individual capacity	e) Shri Dinesh Saner, Individual capacity
6.	WG 8	ISO/TR 13849-3	Markov-Modelling	a) Shri Girish Alawe, M/s Schmersal India Pvt Ltd. b) Shri Siddesh Dalal, M/s Macsafe c) Shri Dhiraj Podutwar, Pilz India d) Shri Dinesh Saner, Individual capacity	a) Shri Girish Alawe , M/s Schmersal India Pvt Ltd. b) Shri Siddesh Dalal, M/s Macsafe c) Shri Dhiraj Podutwar, Pilz India d) Shri Dinesh Saner, Individual capacity
7.	WG 10	-	Fire protection and prevention	a) Shri V. Ravindranath, M/s ITC. b) Shri Atul Bhargav, Indian Institute of Technology	a)Shri V. Ravindranath, M/s ITC b)Shri Atul Bhargav, Indian Institute of Technology Gandhinagar
8.	WG 11	ISO 14122 series	Permanent means of access to machinery	a) Shri Girish Alawe , M/s Schmersal India Pvt Ltd b) Mr Mohan Babu , Joint Chief, Directorate of Factories, Telangana State, Hyderabad. c) Shri Dhiraj Podutwar, Pilz India d) Shri Biswa Rath, Prazamana e) Shri Dinesh Saner, Individual capacity	a) Shri Girish Alawe , M/s Schmersal India Pvt Ltd. b) Mr Mohan Babu , Directorate of Factories, Telangana State, Hyderabad. c) Shri Dhiraj Podutwar, Pilz India d) Shri Biswa Rath, Prazamana e) Shri Dinesh Saner, Individual capacity
9.	WG 12	ISO/CD TR 21260	Mechanical safety data for phys. contacts mov. machinery/ people	a) Shri Girish Alawe , M/s Schmersal India Pvt Ltd b) Shri Dhiraj Podutwar, Pilz India	a) Shri Girish Alawe , M/s Schmersal India Pvt Ltd b) Shri Dhiraj Podutwar, Pilz India

				c) Shri Biswa Rath, Prazamana c) Shri Dinesh Saner, Individual capacity	c) Shri Biswa Rath, Prazamana d) Shri Dinesh Saner, Individual capacity
10.	ISO/JWG between TC 199 and TC 326	ISO 14159	Safety of machinery — Hygiene requirements for the design of machinery	a) Shri Atul Bhargav, Indian Institute of Technology b) Mr Anant Maheshwari - Hygiene, ITC Limited.	b) Shri Atul Bhargav, Indian Institute of Technology b) Mr Anant Maheshwari - Hygiene, ITC Limited c) Mr Samir Kanchan, M/s Macsafe.

The Committee may NOTE.

7.5 Published Standards by ISO/TC 199 Safety of Machinery

Standards and/or projects under the direct responsibility of ISO/TC 199 Secretariat. Below the list of Published Standards by ISO/TC 199 - Safety of Machinery:

Sl No.	Standard No.	Standard Title	Status of Adoption as Indian Standard
1)	ISO Guide 78:2012	Safety of machinery — Rules for drafting and presentation of safety standards	Adopted as IS 18966 : 2024/ISO Guide 78:2012
2)	ISO 11161:2007	Safety of machinery — Integrated manufacturing systems — Basic requirements	Adopted as IS 15296 : 2017/ISO 11161 : 2007
3)	ISO 11161: 2007 /Amd 1:2010	Safety of machinery — Integrated manufacturing systems — Basic requirements — Amendment 1	Not Adopted
4)	ISO 12100:2010	Safety of machinery — General principles for design — Risk assessment and risk reduction	Adopted as IS 16819 : 2018/ISO 12100 : 2010
5)	ISO 13849-1:2023	Safety of machinery — Safety-related parts of control systems — Part 1: General principles for design	Adopted as IS 16810 (Part 1) : 2018/ISO 13849-1 : 2015
6)	ISO 13849-2:2012	Safety of machinery — Safety-related parts of control systems — Part 2: Validation	Adopted as IS 16810 (Part 2) : 2018/ISO 13849-2 :

			2012
7)	ISO 13850:2015	Safety of machinery — Emergency stop function — Principles for design	Adopted as IS 16818 : 2018/ISO 13850 : 2015
8)	ISO 13851:2019	Safety of machinery — Two-hand control devices — Principles for design and selection	Adopted as IS 16817 : 2020/ISO 13851 : 2019
9)	ISO 13854:2017	Safety of machinery — Minimum gaps to avoid crushing of parts of the human body	Adopted as IS 16816 : 2019/ISO 13854 : 2017
10)	ISO 13855:2024	Safety of machinery — Positioning of safeguards with respect to the approach of the human body	Adopted as IS 16815 : 2019/ISO 13855 : 2010
11)	ISO 13856-1:2013	Safety of machinery — Pressure-sensitive protective devices — Part 1: General principles for design and testing of pressure-sensitive mats and pressure-sensitive floors	Adopted as IS 16835 (Part 1) : 2018/ISO 13856-1 : 2013
12)	ISO 13856-2:2013	Safety of machinery — Pressure-sensitive protective devices — Part 2: General principles for design and testing of pressure-sensitive edges and pressure-sensitive bars	Adopted as IS 16835 (Part 2) : 2018/ISO 13856-2 : 2013
13)	ISO 13856-3:2013	Safety of machinery — Pressure-sensitive protective devices — Part 3: General principles for design and testing of pressure-sensitive bumpers, plates, wires and similar devices	Adopted as IS 16835 (Part 3) : 2018/ISO 13856-3 : 2013
14)	ISO 13857:2019	Safety of machinery — Safety distances to prevent hazard zones being reached by upper and lower limbs	Adopted as IS 16814 : 2021/ISO 13857:2019
15)	ISO 14118:2017	Safety of machinery — Prevention of unexpected start-up	Adopted as IS 16813 : 2019/ISO 14118 : 2017
16)	ISO 14119:2024	Safety of machinery — Interlocking devices associated with guards — Principles for design and selection	Adopted as IS 16812 : 2018/ISO 14119 : 2013
17)	ISO 14120:2015	Safety of machinery — Guards — General requirements for the design and construction of fixed and movable guards	Adopted as IS 16811 : 2018/ ISO 14210 : 2015
18)	ISO/TR 14121-2: 2012	Safety of machinery — Risk assessment — Part 2: Practical guidance and examples of methods	Adopted as IS/ISO/TR 14121-2 : 2012/ISO/TR 14121-2:2012

19)	ISO 14122-1:2016	Safety of machinery — Permanent means of access to machinery — Part 1: Choice of fixed means and general requirements of access	Adopted as IS 16809 (Part 1) : 2018/ISO 14122-1 : 2016
20)	ISO 14122-2:2016	Safety of machinery — Permanent means of access to machinery — Part 2: Working platforms and walkways	Adopted as IS 16809 (Part 2) : 2018/ISO 14122-2 : 2016
21)	ISO 14122-3:2016	Safety of machinery — Permanent means of access to machinery — Part 3: Stairs, stepladders and guard-rails	Adopted as IS 16809 (Part 3) : 2018/ISO 14122-3 : 2016
22)	ISO 14122-4:2016	Safety of machinery — Permanent means of access to machinery — Part 4: Fixed ladders	Adopted as IS 16809 (Part 4) : 2018/ISO 14122-4 : 2016
23)	ISO 14123-1:2015	Safety of machinery — Reduction of risks to health resulting from hazardous substances emitted by machinery — Part 1: Principles and specifications for machinery manufacturers	Adopted as IS 16834 (Part 1) : 2018/ISO 14123-1 : 2015
24)	ISO 14123-2:2015	Safety of machinery — Reduction of risks to health resulting from hazardous substances emitted by machinery — Part 2: Methodology leading to verification procedures	Adopted as IS 16834 (Part 2) : 2018/ISO 14123-2 : 2015
25)	ISO 14159:2002	Safety of machinery — Hygiene requirements for the design of machinery	Adopted as IS 16808 : 2018/ISO 14159 : 2002
26)	ISO 19353:2019	Safety of machinery — Fire prevention and fire protection	Adopted as IS 16807 : 2020/ISO 19353 : 2019
27)	ISO 20607:2019	Safety of machinery — Instruction handbook — General drafting principles	Adopted as IS 18989 : 2024/ISO 20607:2019
28)	ISO 21469:2006	Safety of machinery — Lubricants with incidental product contact — Hygiene requirements	Adopted as IS 16912 : 2018/ISO 21469 : 2006
29)	ISO/TR 22053:2021	Safety of machinery — Safeguarding supportive system	Adopted as IS 18990 : 2024/ISO/ TR 22053:2021
30)	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	Adopted as IS 18988 (Part 1) : 2024/ISO/TR

			22100-1:2021
31)	ISO/TR 22100-2: 2013	Safety of machinery — Relationship with ISO 12100 — Part 2: How ISO 12100 relates to ISO 13849-1	Adopted as IS/ISO/TR 22100-2 : 2013/ ISO TR 22100-2: 2013
32)	ISO/TR 22100-3: 2016	Safety of machinery — Relationship with ISO 12100 — Part 3: Implementation of ergonomic principles in safety standards	Adopted as IS/ISO/TR 22100-3 : 2013/ISO TR 22100-3 : 2013. WC draft floated on 31.07.2024 for adoption of revised standard. No comment received on WC. To be finalized for publication.
33)	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	Adopted as IS 18988 (Part 4) : 2024/ISO/TR 22100-4:2018
34)	ISO/TR 22100-5: 2021	Safety of machinery — Relationship with ISO 12100 — Part 5: Implications of artificial intelligence machine learning	Adopted as IS 18988 (Part 5) : 2024/ISO/TR 22100-5:2021
35)	ISO/TR 24119:2015	Safety of machinery — Evaluation of fault masking serial connection of interlocking devices associated with guards with potential free contacts	Adopted as IS 18982 : 2024/ ISO/TR 24119: 2015
36)	ISO 29042-1:2008	Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 1: Selection of test methods	Adopted as IS 16806 (Part 1) : 2018/ISO 29042-1 : 2008
37)	ISO 29042-2:2009	Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 2: Tracer gas method for the measurement of the emission rate of a given pollutant	Adopted as IS 16806 (Part 2) : 2018/ISO 29042-2 : 2009
38)	ISO 29042-3:2009	Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 3: Test bench method for the measurement of the emission rate of a given pollutant	Adopted as IS 16806 (Part 3) : 2018/ISO 29042-3 : 2009
39)	ISO 29042-4:2009	Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 4: Tracer method for the measurement of the capture efficiency of an exhaust system	Adopted as IS 16806 (Part 4) : 2018/ISO 29042-4 :

			2009
40)	ISO 29042-5:2010	Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 5: Test bench method for the measurement of the separation efficiency by mass of air cleaning systems with unducted outlet	Adopted as IS 16806 (Part 5) : 2018/ISO 29042-5 : 2010
41)	ISO 29042-6:2010	Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 6: Test bench method for the measurement of the separation efficiency by mass of air cleaning systems with ducted outlet	Adopted as IS 16806 (Part 6) : 2018/ISO 29042-6 : 2010
42)	ISO 29042-7:2010	Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 7: Test bench method for the measurement of the pollutant concentration parameter	Adopted as IS 16806 (Part 7) : 2018/ISO 29042-7 : 2010
43)	ISO 29042-8:2011	Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 8: Room method for the measurement of the pollutant concentration parameter	Adopted as IS 16806 (Part 8) : 2018/ISO 29042-8 : 2011
44)	ISO 29042-9:2011	Safety of machinery — Evaluation of the emission of airborne hazardous substances — Part 9: Decontamination index	Adopted as IS 16806 (Part 9) : 2018/ISO 29042-9 : 2011

The Committee may NOTE.

7.6 Under Development Standards of ISO/TC 199 Safety of Machinery

Sl No.	Standard No.	Title
1)	ISO/DIS 11161	Safety of machinery — Integration of machinery into a system — Basic requirements
2)	ISO/DIS 12100	Safety of machinery — General principles for design — Risk assessment and risk reduction
3)	ISO/DIS 12895	Safety of machinery — Identification of whole body access and prevention of associated risk(s)
4)	ISO/CD 13849-2	Safety of machinery — Safety-related parts of control systems — Part 2: Guidance for the design and validation
5)	ISO/AWI TR 13849-3	Safety of machinery — Safety-related parts of control systems — Part 3: Markov model-based PFH calculation
6)	ISO/AWI 14122-1	Safety of machinery — Permanent means of access to machinery — Part 1: Choice of fixed means of access between two levels
7)	ISO/AWI 14159	Safety of machinery — Hygiene requirements for the design of machinery

8)	ISO/DIS 20607	Safety of machinery — Instruction handbook — General drafting principles
9)	ISO/CD TR 21260	Safety of machinery — Mechanical safety data for physical contacts between moving machinery or moving parts of machinery and persons

The Committee may NOTE.

7.7 Open (Active) ISO Ballots As On Date

7.7.1 Open ballots in **ISO/TC 199** Committee till now:

Sl No.	Type	Committee / Working Group	Reference	Vote/ Result	Status	Start date	End date	Role
1)	CIB	ISO/TC 199	Request for 2nd (prEN) ISO/DIS 12895 and SDT limit extension	Voted (Abstention)	Open	2024-12-10	2025-01-21	Obligated voter
	Response received from Shri Vidyasagar Ganesh on 10 Dec 2024 as **YES**.							
2)	SR	ISO/TC 199	ISO 13857:2019 (Ed 2)	Voted (Abstention)	Open	2024-10-15	2025-03-04	Obligated voter
	Responses are– 1) Shri Prodip Kumar Sarkar (**Confirm**) 2) Shri Shacheendra Bapat (**Abstention**) 3) Shri Samir Kanchan (**Confirm**) 4) Shri Vinay Bansod (**Confirm**) 5) Dr Somashekhar S. Hiremath (**Confirm**) 6) Shri Santoshkumar S Rajguru (**Confirm**) 7) Dr Kuruva Gopanna (**Confirm**) 8) Shri Abhishek Sangavkar (**Confirm**) 9) Shri Jayesh Jani (**Confirm**) 10) Shri Vidyasagar Ganesh (**Confirm**) 11) Shri S. Sathiya Mohan (**Confirm**) 12) Shri Biswa Bhushan Rath (**Confirm**) 13) Shri Dinesh Saner (**Confirm**) 14) Shri Prodip Kumar Sarkar (**Confirm**) 15) Shri Somegowda KT. (**Confirm**) 16) Dr Manoj Kumar Gupta (**Confirm**) 17) Shri Anant Maheshwari (**Confirm**) 18) Shri Vyanktesh S. Khairatkar (**Abstention**)							
3)	DIS	ISO/TC 199	ISO/DIS 12100 (Ed 2)	Voted (Abstention)	Open	2024-12-13	2025-03-07	Obligated voter
	No responses received.							

The Committee may NOTE

ITEM 8 SELECTIONS OF SUBJECTS

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

i) Whether the subject is financed by the proposer;
ii) Sale ability of the standard;
iii) Standards shall be user friendly;and
iv) Social needs with regards to safety, health and environment.

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

ANNEX-B.docx

The Committee may NOTE.

ITEM 9 RECOMMENDATION OF THE PLANNING AND DEVELOPMENT ADVISORY COMMITTEE (PDAC) OF BUREAU OF INDIAN STANDARDS

The Planning and Development Advisory Committee (PDAC) of Bureau of Indian Standards has decided as follows:

a) Technical Committee should be sensitized for Eco requirements and standards should be formulated considering the environmental aspects.
b) The committee felt that BIS should be proactively involved so as to have greater impact in International Standardization. For this purpose, the key areas are to be identified for formulating standards for new products.

The Committee may NOTE.

ITEM 10 TRANSLATION OF INDIAN STANDARDS FROM ENGLISH TO HINDI

As per directive issued by 'Raj Bhasha Vibhag' to the Bureau "henceforth all new standards (or standards to be revised) are to be published both in Hindi and English simultaneously."

Whereas a panel for Hindi translation has been identified by Hindi Deptt. of the Bureau however, the **members of the technical committees of BIS may undertake translation of Indian standards from English to Hindi**. Remuneration of Rs.250/- per A-4 size page (approximately 300 words) is provided for the translation. The members who are interested to do this work of translation can register their name with BIS, details available at: http://www.bis.org.in/other/EOIHT.htm

The Committee may NOTE.

ITEM 11 E-SALE OF INDIAN STANDARDS

The Bureau has recently started online sales of Indian Standards. This will help the customer to procure Indian Standards through the internet without facing the hassles of going to the sales office of BIS to purchase Indian Standard or to get the standard by post. Please visit our website www.bis.org.in for details.

The Committee may NOTE.

ITEM 12 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

Creation of a pool of experts.

The Committee may NOTE.

ITEM 13 FUTURE PLANS AND STRATEGIES TO BE ADOPTED BY THE COMMITTEE DURING THE NEXT 3 YEARS AIMING AT THE CONTRIBUTION IN RELATED STANDARDIZATION ACTIVITY AT NATIONAL AND INTERNATIONAL LEVEL.

The Committee may DISCUSS and DECIDE.

ITEM 14 GENDER RESPONSIVE STANDARDS INITIATIVE

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

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

In line with these objectives, BIS aims to work towards:

a) Gender-responsive standards;
b) Gender balance at all levels in all Committees including leadership positions; and
c) Enhanced expertise to create and deliver gender inclusivity.

*The Committee members **ARE REQUESTED** to work in tandem with these aims to create a gender balanced environment in all walks of life through standards.*

ITEM 15 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 may NOTE.

ITEM 16 DATE AND PLACE FOR THE NEXT MEETING

Please see the Sl No. **3.1**.

The Committee may NOTE.

ITEM 17 ANY OTHER BUSINESS

The committee decided to make a panel that will look into the gap areas of standardization in the Safety of Machinery aspect of Indian industries. This panel will lead efforts in the development of indigenous standards for the sector. The committee recommended that the panel meeting may be organized at the earliest, so that the inputs from the Panel can be analysed in the next committee meeting. Following members volunteered to be the part of the panel
a) Shri Mudit Maheshwari, ITC limited, Kolkata.
b) Shri Dinesh Saner, In-person capacity.
c) Shri Sachheendra Bapat, V-Same Engineering.
d) Shri Biswa Rath, Prazamanna Safety Limited Liability Partnership, Pune.
e) Shri Prodip Sarkar, Rockwell Automation.
f) Shri Mohan Babu, Directorate of Factories, Telangana State, Hyderabad.

The Panel Meeting is to be carried out.

Annex-A
(*Item* 2.2.3)

Meeting No.	Date	Place
11th	23 Sep 2024	Webex Online
10th	29 May 2024	Webex Online
9th	06 Nov 2023	Webex Online

Sl No.	Organisation	Member Details	9th	10th	11th	Total
1.	Ministry of Heavy Industries and Public Enterprises, MHI, New Delhi	Shri Vikas Dogra (***Chairperson***)	N	Y	Y	2/3
2.	Advanced Machine Tool Testing Facility, Bengaluru	Shri. Haris Kumar V.	Y	N	N	1/3
3.	Agriculture Machinery Manufacturers Association, Pune	Shri Rajkumar Arumugam Shri Kunwar Sahib Singh (*Alt*)	Y	Y	N	2/3
4.	Association of Indian Forging Industry, Pune	Shri S. Murlishankar Shri R. Sivaprasad Reddy (*Alt*)	Y	N	N	1/3

5.	Automotive Research Association of India (ARAI), Pune	Shri Vyanktesh S. Khairatkar Shri Moqtik A. Bawase (*Alt*)	NA	NA	Y	1/1
6.	BEML Limited, Kolar	Shri Somegowda K. T. Shri Elavarasan A. (*Alt*) Shri Vijay M. (*Alt*)	Y	Y	Y	3/3
7.	Bharat Heavy Electrical Limited, New Delhi	Shri E. Thirumavlavan Dr Kuruva Gopanna (*Alt*)	Y	N	Y	2/3
8.	Central Manufacturing Technology Institute (CMTI), Bengaluru	Shri Gopi Krishna S. Shri Anil Kumar K. (*Alt*)	NA	NA	Y	1/1
9.	Cummins India Limited, Pune	Shri Riyazahmad Abbasalli Kazi Shri Ravi Sonawala (*Alt* I) Shri Santoshkumar S. Rajguru (*Alt* II)	NA	NA	Y	1/1
10.	Directorate General Factory Advice Service and Labour Institutes, Mumbai	Shri Rajkrishna M. R. Shri N Varadharajan (*Alt*)	Y	Y	Y	3/3
11.	Directorate General of Mines Safety, Dhanbad	Shri D. B. Naik Shri Vijay Yadaorao Barapatre (*Alt*)	Y	N	Y	2/3
12.	Directorate of Factories, Telangana State, Hyderabad	Shri Y. Mohan Babu Shri Kota Sridhar Rao (*Alt*) Ms. Shrimati K.V. Sreedevi (*Alt*)	Y	Y	Y	3/3
13.	ITC Limited, Kolkata	Shri V. Ravindranath Shri Mudit Maheshwari (*Alt* I) Shri Anant Maheshwari (*Alt* II)	Y	Y	Y	3/3
14.	Indian Institute of Technology Gandhinagar, Gandhinagar	Shri Vinod Narayanan Shri Atul Bhargav (*Alt*)	Y	N	N	1/3
15.	Indian Institute of Technology Madras, Chennai	Dr. Somashekhar S. Hiremath Dr. N. Arunachalam (*Alt*)	Y	N	N	1/3
16.	Indian Machine Tools Manufacturers Association, Bengaluru	Shri N. Madhan	Y	N	Y	2/3
17.	Indian Printing Packaging and Allied Machinery Manufacturers Association, Noida	Shri Prashant Vats	Y	Y	Y	3/3
18.	Macsafe India Solutions Private	Shri Samir Kanchan Shri Siddesh Dalal (*Alt*)	Y	Y	N	2/3

19.	National Institute of Technology, Kurukshetra	Shri Manoj Kumar Gupta	NA	NA	Y	1/1
20.	Pilz India Private Limited, Pune	Shri Abhijit Kulkarni Shri Shailesh Nadnurwar (*Alt* I) Shri Dhiraj Podutwar (*Alt* II)	NA	NA	Y	1/1
21.	Plastics Machinery Manufacturers Association of India (PMMAI), New Delhi	Shri. Vinay Girdhar Bansod Shri Pradip Vanwani (*Alt*) Shri Amit Patel (*YP*)	Y	N	Y	2/3
22.	Prazamana Safetic Limited Liability Partnership, Pune	Shri Biswa Bhushan Rath Shri Bikram Nag Shri Ankit Kumar	NA	NA	Y	1/1
23.	Research Designs and Standards Organization (RDSO), Lucknow	Shri Nitin Mehrotra Shri Vijay Goel (*Representative*)	Y	Y	N	2/3
24.	Rockwell Automation India Private Limited, Noida	Shri Prodip Kumar Sarkar Shri Abhishek Sangavkar (*Alt*)	NA	NA	Y	1/1
25.	Ross Controls India Private Limited	Shri Yashpal Setiya Sh-ri Sathiya Mohan S. (*Alt*)	Y	Y	Y	3/3
26.	Schmersal India Private Limited, Pune	Shri Girish Alawe Shri Kunal Sharma (*Alt*) Shri Gaurav Narayan Gore (*Alt*)	Y	N	Y	2/3
27.	Sick India Private Limited, Mumbai	Shri Samir Desai Shri Jayesh Jani (*Alt*)	NA	NA	Y	1/1
28.	Troax Safety Systems India Private Limited, Bengaluru	Shri A. S. Vidyasagar Ganesh	Y	N	N	1/3
29.	V-SAME Engineering and Training Solutions, , Pune	Shri Shacheendra Bapat	NA	NA	Y	1/1
30.	In Personal Capacity	Shri Dinesh Keshav Saner	NA	NA	Y	1/1

Guests/Invitees

	Organisation Name	**Name of Member**	**Email ID**
31.	Ministry of Heavy Industries and Public Enterprises, Department of Heavy Industry, New Delhi	Shri Shubhankit	shubhankit.hei@gov.in
32.	Ministry of Heavy Industries and Public Enterprises, Department	Shri Shahid Qayoom	shahid.qayoom@nic.in

	of Heavy Industry, New Delhi		
33.	Ministry of Heavy Industries and Public Enterprises, Department of Heavy Industry, New Delhi	Shri Abhinav Kumar	hemt-dhi@nic.in
34.	Macsafe India Solutions Private Limited, Pune	Shri Mayank Choudhary	mayank.choudhary@safe-t-sense.in (9810665659)

NOTE — Attendance of member organisations updated in Standards Portal of BIS. Members are requested to check and revert if their attendance is not showing in their profile in the portal.