



MINUTES

<i>Committee</i>	<i>Meeting No.</i>	<i>Day, Date and Time</i>	<i>Venue</i>
Statistical Methods for Quality, Data Analytics and Reliability Sectional Committee, MSD 03	36th Meeting (MSD 3)	Tuesday, 05 Dec 2023 1100h	Manak Bhawan Bureau of Indian Standards 9, Bahadurshah Zafar Marg New Delhi 110 002

Chairman: Prof. Bimal Kumar Roy

Member Secretary: Ashish V Urewar

Item 0 GENERAL

0.1 Welcome by BIS

Shri A. S. Bhatnagar, Sc. 'F' & Head, MSD, BIS extended a warm welcome to the Chairman and distinguished members present in the Publication and Graphic Technology Sectional Committee, MSD 6. He apprised all the members about the major reform in standardization to make technical committees as smart TC with emphasis on attendance, active participation by experts, submission of comments on draft standards, ISO ballots. He also reminded the members who have not submitted the declaration to submit at the earliest.

0.2 Opening remarks by the Convener

Prof. Bimal K. Roy heartily welcomed all the members present in the meeting. He appreciated BIS for completing all actions. He requested members to actively participate in the work of the committee. He expressed happiness about the significant contribution made by the members in the standardization work in this field. He requested the members to actively deliberate on various agenda points and express their views for further development of useful Indian Standards in this field.

ITEM 1 CONFIRMATION OF THE MINUTES OF THE LAST MEETING

1.1 The committee confirmed the minutes of last meeting of Statistical Methods for Quality, Data Analytics and Reliability Sectional Committee, MSD 03 held on 14 June 2023.

ITEM 2 SCOPE AND COMPOSITION OF MSD 03 SECTIONAL COMMITTEE AND ITS SUBCOMMITTEES/PANEL

2.1 The Committee reviewed the scope and composition of Statistical Methods for Quality, Data Analytics and Reliability Sectional Committee, MSD 03, taken following decision in light of the instructions received from BIS Management, the member who will remain absent from two consecutive meeting of Sectional Committee and/or fifty percent or more meetings of the Sectional Committee in an year shall automatically become disqualified to continue as member of the Sectional Committee; unless on receiving a representation to this effect, the DC

decides upon the recommendation of the SC concerned to condone the absence in view of his/her valuable contribution to SC.

Sl. No	NAME OF THE ORGANISATION	Member	Decision
1.	Automotive Research Association of India (ARAI), Pune	Shri v K Jadhav, Shri V V Shinde	Withdrawn
2.	Directorate General of Quality Assurance, Ministry of Defence, New Delhi	Col Rajeev Chawla Shri N Prabhakara (<i>Alt</i>)	Withdrawn
3.	Indian Agricultural Statistics Research Institute (IASRI), New Delhi	Dr Rajender Parsad	Withdrawn
4.	Indian Statistical Institute (ISI), Kolkata	Prof. Amitava Bandyopadhyay	Withdrawn
5.	Institute of Quality and Reliability, Pune	Shri Hemant Urdhawarshee Shri Yashwant Mahakal (<i>Alt.</i>)	Withdrawn
6.	Maruti Suzuki India Limited (MSIL), Gurgaon	Mr. Shri Sanjay Setia Shri Shobhit Manori (<i>Alt.</i>) Shri Madhu Sudan (<i>Alt.</i>) Shri Prikshit Rana (<i>Alt.</i>)	Withdrawn
7.	National Statistical Office Ministry of Statistics & Programme Implementation, New Delhi	Dr. Amitava Saha Shri Tarak Chandra Patra (<i>Alt. I</i>) Shri Satyajit Paul	Withdrawn
8.	National Institution of Medical Statistics (NIMS), ICMR, New Delhi	Dr. Vishnu Vardhan	Withdrawn
9.	Quality Growth Services, New Delhi.	Mr Surendra Tiwari	Withdrawn
10.	Rodic Consultants Private Limited	Ms. Dipta Ghosh Shri Amit Kumar (<i>Alt.</i>) Shri Ajit Singh (<i>Alt.</i>)	Withdrawn
11.	Globsyn Business School	Smt Captain Swapna Dutta Khan ,	Withdrawn
12.	Standardization, Testing and Quality Certification (STQC), Ministry of Electronics and Information Technology, Central Ministry/Dept, Directorate, New Delhi	Shri A.K. Sharma Shri Nakul Agrawal (<i>Alt.</i>)	Withdrawn
13.	Tata Consultancy Services, New Delhi	Shri Debasis Behura Ms Sandhya Kakkar (<i>Alt</i>)	Withdrawn

14.	Tata Motors Ltd., Pune	Mrs Asmita A. Ghate Shri A P Srivastava (Alt)	Withdrawn
15.	Confederation of Indian Industry (CII), Gurgaon	Shri Vipin Sahni Shri Virender Singh	Withdrawn
16.	Mahile Anand Filter system pvt ltd, Gurugram	Shri Asheesh Gaur	Withdrawn
17.	National Institute of Industrial Engineering, Mumbai	Prof Vivekanand Khanapuri	Withdrawn
18.	Indian Statistical Institute, New Delhi	Prof Isha Dewan	Withdrawn as requested
19.	In personal capacity	Shri A N Nankana	Withdrawn as requested
20.	BIS	Shri Ritesh Baranwal	New co-option approved
21.	Automotive Research Association of India (ARAI), Pune	Shri P P Dambal	New co-option approval recommended to DC
22.	National Institution of Medical Statistics (NIMS), ICMR, New Delhi	Shri H K Chaturvedi	New co-option approval recommended to DC
23.	In personal capacity	Shri L K Mehta	Co-option in personal capacity approved

2.2 The Committee noted composition of Subcommittee for ISO/TC 69 ‘Application of Statistical Methods’ Work (MSD 3:3).

2.3 The Committee reviewed composition of Subcommittee for ‘Basic Statistical Methods’ (MSD 3:4) and decided to appoint Prof S M Bendre as convener of MSD 3:4.

2.4 The committee noted the information given in item 2.4,2.5,2.6 and 2.7 of agenda.

ITEM 3 New work item proposal

Committee reviewed the information given in item 3 of agenda and taken following decision

Sl. No.	Topic	Decision
1)	Proposal for new standard on Quality of measurement Results – Criteria for repeat and replicate testing	WC
2)	Data ethics - Ethical use of Data by Organization -Guideline - Sandhya kakkar to take up	Prof S. Chakraborty to submit the draft in 4 weeks time
3)	Statistical Software - development and use – Guideline- share the draft	Ms Sandhya Kakkar to submit the draft in 2 weeks time

ITEM 4 INDIAN STANDARDS PUBLISHED/UNDER ADOPTION

The committee noted the information given in item 4 of agenda.

ITEM 5 DRAFTS INDIAN STANDARDS UNDER PRINT

The committee noted the information given in item 5 of agenda.

ITEM 6 DRAFTS INDIAN STANDARDS COMPLETED WIDE CIRCULATION

Committee reviewed the information given in item 6 of agenda and taken following decision

SI. No.	Doc No	TITLE	Decision
1.	MSD 3 (20963) Revision of: IS 14277:1996	Statistical interpretation of test results - estimation of mean standard deviation and regression coefficient - confidence interval	<i>Finalize</i>
2.	MSD 3 (20969) Revision of: IS 1548:1981	Manual on basic principles of lot sampling Third Revision	<i>Finalize</i>
3.	MSD 3 (21307) Revision of: IS/ISO 13528:2022	Statistical methods for use in proficiency testing by inter laboratory comparison	<i>Finalize</i>
4.	MSD 3 (22839) Revision of: IS 5002:1969	Method for Determination of Sample size to Estimate the Average Quality of a lot or Process First Revision	<i>Finalize</i>
5.	ISO 7870-2:2023	<i>Control charts Part 2: Shewhart control charts</i>	<i>Finalize.</i>

ITEM 7 STANDARDS TO BE REVISED (PRE 2000)

The committee noted the information given in item 7 of agenda.

ITEM 8 REVIEW OF PUBLISHED INDIAN STANDARDS

Committee reviewed the information given in item 8 of agenda and taken following decision

SI. No.	IS/ISO No.	TITLE	Decision
1.	IS 397 (Part 1) : 2003	Method for statistical quality control during production Part 1 control charts for variables Second Revision	ISO 7870-2 : 2023 which is under adoption

2.	IS 397 (Part 2) : 2003	Method for statistical quality control during production Part 2 control charts for attributes Third Revision	covers the topic of IS 397 Part1 & 2. Once ISO 7870-2 is published IS 397 Part1 & 2 may be archived.
----	------------------------	--	--

ITEM 9 INTERNATIONAL ACTIVITIES

9.1 Committee reviewed the information given in item 9.1,9.2,9.3 and 9.4 of agenda and taken following decision

Sl. No.	Name	Committees	Decision
1.	Prof Isha Dewan, ISI	SC 6, SC 6/WG 1, WG 5, WG 7, TC 69/WG 3	withdrawn
2.	Mr V K Jadhav, IARI	TC 69, WG 12 SC 6, SC 6/WG 1, WG 5, WG 7 SC 7, SC 7/ WG 3	withdrawn
3.	Dr. Rajendra Prasad, IASRI	TC 69/WG 12 and WG 3	withdrawn
4.	Ms Snadhya Kakkar, TCS	WG 12, SC 7 and its WGs, WG 13	withdrawn
5.	Ms Asmita Ghate, Tata Motors	WG 13, SC 8 and all its WGs	withdrawn
6.	Shri Virender Singh, CII	SC 8 and its WGs	withdrawn
7.	Shri Surendra Tiwari, QGS	SC 7 and its WGs, SC 8 and its WGs	withdrawn

9.5 The committee noted the information given in item 9.5,9.6 of agenda.

9.8 Next meeting of ISO/TC 69/SC 4 Working Groups is planned during 23-25 January 2024 in Weinheim, Germany

Committee reviewed the information given in item 9.8 of agenda and approved the following Indian delegation

SL No	Member	Technical Committee	Remarks
1	Smt Sneh Lata Bhatnagar Sc-F & H(DLBO-II)	ISO/TC 69/SC 4 and working groups	In physical mode, BIS funding

9.9 Hosting of Plenary Meetings of ISO/TC 69 and its Subcommittees , working groups

Committee reviewed the information given in item 9.1,9.2,9.3 and 9.4 of agenda and taken decision to host the 46th Plenary meeting of ISO/TC 69 and it's subcommittee and working groups to be held in June 2024 in hybrid mode in India.

ITEM 10 Annual calendar for TC meeting :

Committee noted the information given in 10 of agenda.

ITEM 11 NEW INITIATIVES IN STANDARDIZATION

11.1 Recognition of Contributions of Technical Committees and its Members

The Committee noted the information of the Agenda.

11.2 Accreditation of Standard Development Organizations (SDOs)

The Committee noted the information of the Agenda.

ITEM 12 STANDARDIZATION CELLS

The Committee noted the information of the Agenda.

ITEM 13 GENDER RESPONSIVE STANDARDS INITIATIVE

The Committee noted the information of the Agenda.

ITEM 14 BIS CERTIFICATION SCHEMES

The Committee noted the information of the Agenda.

ITEM 15 INFORMATION ON FREE-SALE OF STANDARDS BY BIS

The Committee noted the information of the Agenda.

ITEM 16 NATIONAL INSTITUTE FOR TRAINING IN STANDARDISATION

The Committee noted the information of the Agenda.

ITEM 17 NOMINATING YOUNG PROFESSIONALS IN BIS TECHNICAL COMMITTEES

The Committee noted the information of the Agenda.

ITEM 18 BIS CONNECT

The Committee noted the information of the Agenda

ITEM 19 DATE AND PLACE FOR THE NEXT MEETING

It will be decided as per convenience of members.

ITEM 20 ANY OTHER BUSINESS - meeting ended with vote of thanks.

Annex A

Members Present:

1. Prof. Bimal Roy, Chairman, Indian Statistical Institute, Kolkata
2. Mr. Lalit Kumar Mehta, In Personal Capacity
3. Dr. V. K. Bhatia, In Personal Capacity

Virtual

4. Ms. Ekta Bhardwaj, Bharat Electronics Limited, Ghaziabad
5. Ms. Anjali Sharma, CSIR - National Physical Laboratory, New Delhi
6. Mr. Vipin Sahni, Confederation of Indian Industry, New Delhi
7. Dr Rajender Parsad, Indian Agricultural Statistics Research Institute, New Delhi
8. Prof. K. Muralidharan, Maharaja Sayajirao University of Baroda, Vadodara
9. Ms. Sandhya Kakkar, Tata Consultancy Services Limited, Mumbai
10. Ms. Asmita A. Ghate, Tata Motors Limited, Pune
11. Mr. A. P. Srivastava, Tata Motors Limited, Pune
12. Shri Rakesh Kumar , RITES Gurgaon
13. Shri H K Chaturvedi , NIMS Delhi

BIS Officers

14. Mr. A. S. Bhatnagar, Head(MSD), BIS, New Delhi
15. Ms. Sneh Lata, Head (DLBO-2), BIS, New Delhi
16. Mr. Ashish V. Urewar, Member Secretary MSD 03, BIS, New Delhi