



## **BUREAU OF INDIAN STANDARDS**

### **Minutes of Meeting**

#### **Eleventh meeting of Drinking Water Supply, Wastewater and Stormwater System Services Sectional Committee (SSD14)**

<b>Date &amp; Day</b>	<b>Time</b>	<b>Venue</b>
<b>25 July 2023 (Tuesday)</b>	<b>1430 h</b>	<b>Web meeting</b>

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**Chairman:** Shri Suneel Kumar Arora, Director (Pers), IDSE, Military Engineer Services, New Delhi

**Member Secretary:** Ms Priyanka Singh, Sc B/AD, BIS

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**Participants:** The list of participants who have attended the meeting is given in **Annex 1**.

#### **Item 0 OPENING REMARKS**

**0.1** The eleventh meeting of the Drinking Water Supply, Wastewater and Stormwater Systems and Services Sectional Committee, SSD 14 commenced with a warm welcome from the Member Secretary, who greeted all the participating members. She provided a concise overview of the meeting agenda. She then requested Shri Suneel K Arora, Chairperson, SSD 14 to give his opening remarks.

**0.2** The Chairperson of SSD 14, in his opening remarks, extended a cordial welcome to all the committee members. He stressed the significance of actively participating in international standardization activities by reviewing ISO ballots. The Chairperson requested the members to carefully assess the documents currently being formulated and the ballots under ISO/TC 224. Their valuable comments on the ISO document were highly encouraged, and in case of no comments, they were requested to convey the same to BIS. Addressing the committee, the Chairperson sought their full cooperation in the endeavors of SSD 14. He specifically requested the Member Secretary to assess the members' participation in the meeting and inform him accordingly. This information would be used by the Chairman to write a review of representation letter to the organization.

Following this, the Chairperson requested the Member Secretary to proceed

with the meeting's agenda in an organized manner, addressing each item separately.

### **Item 1 CONFIRMATION OF MINUTES OF THE PREVIOUS MEETING**

The committee formally confirmed the minutes of the previous meeting.

### **Item 2 SCOPE AND COMPOSITION OF SSD 14 SECTIONAL COMMITTEE**

#### **2.1 Scope**

The committee noted item **2.1** of the agenda.

#### **2.2 Composition of the Sectional Committee SSD 14**

During the meeting, the committee focused on several important agenda items. First, the committee carefully considered a co-option request from Shri Amit Sharma, which had been received through the BIS portal. After a thorough discussion, the committee made the decision not to approve Shri Amit Sharma's co-option request, as it was determined that his experience did not align with the scope of the committee.

Then the committee reviewed the composition provided in item **2.2** of the Agenda.

Dr. P. K. Labhshetwar, Chief Scientist from NEERI Nagpur, brought to the committee's attention that Dr. Pranav Nagarnaik had retired from NEERI. In light of this, the committee requested Dr. P. K. Labhshetwar to provide a fresh nomination for an alternate member from NEERI.

During the meeting, the committee also identified two member organizations, namely the Central Public Works Department and the Ministry of Environment Forest and Climate Change, New Delhi, to write a review of representation.

The Member Secretary updated the committee on the actions taken concerning the non-participation of certain member organizations. She provided information about the review of representation letter that had been sent to the following non-participating member organization:

- a) Institute of Engineers India, New Delhi; and
- b) National Institute of Disaster Management.

Since no response was received from the member organizations mentioned above, the committee made the decision to write to these organizations again through DO letters from BIS or from the Chairperson.

To ensure accurate record-keeping of attendance, the Member Secretary emphasized the importance of the members reviewing the minutes of the

meeting that had been sent to them. By doing so, any discrepancies or errors in attendance records could be identified and corrected, thus maintaining an accurate account of each member's participation in the committee's activities.

### **2.3 Composition of the Panel for drafting roadmap SSD 14/P1**

The committee noted Item **2.3** of the agenda.

### **2.4 Composition of the Panel for drafting standard on Piped Drinking Water Supply Service SSD 14/P2**

The committee noted Item **2.4** of the agenda.

### **2.5 Composition of the Panel for drafting standards on Distribution Networks and Vocabulary SSD 14/P3**

The committee noted Item **2.5** of the agenda.

The Member Secretary informed the committee that the following Indian standards drafted by this panel are now available in the public domain:

<b>Sl No.</b>	<b>IS No.</b>	<b>Title</b>	<b>Attached at</b>
1	IS 18182 : 2023	Management of Assets of Drinking Water Supply System — Guidelines	Annex 2
2	IS 18188 : 2023	Service Activities Related to Drinking Water Supply, Wastewater and Stormwater — Vocabulary	Annex 3

### **2.6 Composition of the Panel for drafting standards on Crisis/Disaster Management SSD 14/P4**

The committee noted Item **2.6** of the agenda.

### **2.7 Composition of the Working Group for drafting standards on Bench Marking in Water Audit, SSD14/WG01**

The committee reviewed Item **2.7** of the agenda.

## **Item 3 R&D PROJECTS UNDER SSD 14**

During the meeting, the Member Secretary informed the committee about the recent reform in BIS related to standardization activities. She referred to a workshop held on 30 June 2023 at NITS where the Member Secretaries of BIS had identified subjects suitable for research and development (R&D) projects. She also provided information on the R&D projects that had been identified under SSD 14.

Following this, Shri S. K. Kanojia, Head (SSD), requested the members to suggest additional subjects under SSD that could be considered for R&D

projects. He also informed the committee about the draft terms of reference (TOR) that had been prepared by BIS in consultation with the working group for the R&D project on Water Audit and Water Use Efficiency.

The committee then engaged in discussions regarding the BIS R&D guidelines and reviewed the draft TOR on Water Audit and Water Use Efficiency. After a detailed discussion, it was decided to circulate the draft TOR among the committee members for their review for a period of one week for their comments.

The committee agreed that in the absence of any comments or revisions, the draft TOR would be finalized. Subsequently, it would be issued to invite project proposals related to Water Audit and Water Use Efficiency. The invitation for project proposals would remain open for a duration of three weeks.

Furthermore, the committee reviewed the recommendations of the working group SSD 14/WG01 and approved the following actions:

- a) The TOR on 'Research Project on Water Audit and Water Use Efficiency' would be circulated among the members of the sectional committee, SSD 14, for a three-week period to solicit project proposals.
- b) The responsibility of the initial screening of the project proposals would be assigned to the working group SSD 14/WG01.

Subsequent to the meeting, the Member Secretary distributed the draft TOR to all the members, seeking their feedback and comments.

#### **Item 4 STANDARDS TO BE SUPERSEDED**

During the meeting, the committee deliberated on Item 4 of the agenda, which pertained to draft Indian standard SSD14(20621) on Disaster Management in Drinking Water Utility. The Member Secretary provided an update on the status of the existing standard SSD14 (20621) related to this subject. Additionally, she informed the committee about a similar IS standard, namely IS 17392:2020/ISO 24518: 2015 adopted by BIS.

Given this information, the committee made the decision to conduct a thorough review of both the existing IS standard 17392:2020/ISO 24518: 2015 and the draft Indian standard SSD14 (20621). The responsibility for this review task was assigned to the Panel for drafting standards on Disaster/Crisis Management, SSD14/P4. The panel would be tasked with thoroughly examining the two documents and providing their recommendation on whether the IS standard should be superseded or withdrawn in light of the draft Indian standard.

#### **Item 5 BIS NEW PROCESS REFORMS IN STANDARDS FORMULATION**

The sectional committee discussed the Annual Action Plan of SSD 14 for 2023-2024 and provided their comment. The Modified Annual Action Plan is Attached

as **Annex 4**.

#### **Item 6 IDENTIFICATION OF IMPORTANT EVENTS ON DRINKING WATER, WASTEWATER AND STORMWATER SERVICES**

The Committee noted the information given in Item **6** of the Agenda.

#### **Item 7 NEW SUBJECTS FOR STANDARDIZATION**

During the meeting, Shri R S Tyagi proposed the subject of '**Trenchless Technology in Drinking Water Distribution Networks**' for standardization. Recognizing the potential importance and relevance of this subject, the committee decided to establish a study group specifically dedicated to discussing and evaluating whether a standard can be formulated on this subject.

Additionally, another subject was proposed by Prof. Arun Kumar, IIT Delhi. He suggested the subject of '**Guideline for Rectification and Retrofitting of Drinking Water Pipelines**' for standardization.

The committee acknowledged the need to explore the possibilities of standardization in these areas and aimed to evaluate the feasibility and potential benefits of developing appropriate standards in these domains.

#### **Item 8 INTERNATIONAL ACTIVITY**

**8.1** The Committee noted the information Given in Item **8.1** of the Agenda.

**8.2** The Committee noted the information Given in Item **8.2** of the Agenda.

During the meeting, the Chairman and Member Secretary emphasized the importance of reviewing ISO ballots and providing relevant comments. They requested all committee members to actively participate in this process. In case there were no comments to be made on certain ISO ballots, they were advised to communicate the same to BIS.

The Member Secretary also informed the committee about the data request made to the ministry regarding the harmonization of ISO standards with Indian standards. It was informed that SSD 14 has been tasked with preparing a comprehensive report that would specify the list of ISO standards adopted by the committee, as well as those not adopted, along with the reasons for their non-adoption.

As part of their efforts to fulfill this requirement, the committee engaged in a discussion and subsequently decided to form a study group. The primary objective of this study group would be to conduct a thorough examination of ISO documents published under ISO/TC 224. They would assess the scope and recommendations of these ISO documents and determine whether they should be adopted, modified, or rejected by SSD 14.

This study group would play a crucial role in evaluating the relevance and applicability of ISO standards to the committee's objectives and focus areas. By conducting this detailed study, the committee aimed to make informed decisions on how to align their standards with international best practices and enhance the efficiency and effectiveness of their standardization activities in the field of Drinking Water Supply, Wastewater, and Stormwater Systems and Services.

**8.3** The Committee noted the information Given in Item **8.3** of the Agenda.

**Item 9 NEWLY PUBLISHED STANDARDS**

The Committee noted the information given in item **9** of the Agenda.

**Item 10 DATE AND PLACE OF NEXT MEETING**

The Sectional Committee noted the information given in Item 10 of the Agenda.

**Item 11 ANY OTHER BUSINESS**

Overall, the meeting was productive, with active discussions and decisions taken to ensure the committee's effective functioning and adherence to its scope and objectives.

In the absence of any other business, the meeting ended with a vote of thanks to the Chair and to the members for their active participation and valuable contributions during the meeting.

**Annex 1****Attendance for the Eleventh Meeting of Drinking Water Supply, Wastewater and Stormwater System and Services Sectional Committee (SSD14)**

<b>Sl No.</b>	<b>Member Name</b>	<b>Organization Name</b>
1.	Shri Suneel K Arora <b>(Chairman)</b>	Military Engineer Services, New Delhi
2.	Dr Preeti Chaturvedi Bhargava	CSIR - Indian Institute of Toxicology Research, Lucknow
3.	Dr P.K. Labhasetwar	CSIR - National Environmental Engineering Research Institute, Nagpur
4.	Dr Sumita Singhal	Centre for Science and Environment, New Delhi
5.	Dr Ramakant	Central Public Health and Environmental Engineering Organization, New Delhi
6.	Shri Vishal Gandhi	Central Pollution Control Board, New Delhi
7.	Shri Rahul Sharma	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, New Delhi
8.	Ms. Antara Das	Engineers India Limited, Gurugram
9.	Prof Arun Kumar	Indian Institute of Technology Delhi, New Delhi
10.	Shri Kawarjit Singh	Indian Water Works Association
11.	Dr. K.S. Hari Prasad	Indian Institute of Technology, Roorkee
12.	Shri Zulfequar Ahemad	
13.	Dr Mukesh Kumar Sharma	
14.	Dr. Rajesh Singh	National Institute of Hydrology, Roorkee
15.	Shri Padmanabh Maniyar	Military Engineer Services, Bengaluru
16.	Dr. Rajasekhar	Ministry of Jal Shakti, Department of Drinking Water and Sanitation, New Delhi
17.	Ms Sonia Grover	The Energy and Resources Institute, New Delhi
18.	Ms Niyati Seth	
19.	Shri Soumitra Chakraborty	Public Health Engineering Department, West Bengal
20.	Shri Girish Chandra Mishra	Saviram Engineering Consultants Private Limited, Civil Engineering Department, Noida
21.	Shri B.K Mukhopadhyay	Voluntary Organization in Interest of Consumer Education, New Delhi
22.	Shri Rajat Jain	Water and Power Consultancy Services, Gurugram
23.	Shri R.S Tyagi	In Personal Capacity
24.	Col. A. K. Chaubey	In Personal Capacity
25.	Shri S. K. Kanojia	Head (SSD)
26.	Ms Priyanka Singh <b>(Member Secretary)</b>	Sc B/AD