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**CHEMICAL DEPARTMENT**

**WATER QUALITY SECTIONAL COMMITTEE**

**CHD 36**

**RESOLUTION OF 21ST MEETING**

Date/Day/Time: 18th September 2024, Wednesday, 10:30 AM

Venue: Hybrid (Virtual + Physical) in Central Laboratory, Ghaziabad

Chairperson: Dr. N Raveendhar, EPTRI Hyderabad

Member Secretary: Ms. Shubhanjali Umrao, Sc-C, CHD

**Members Present**

1. Dr. Noor A. Khan, NEERI
2. Ms A. Sri Samyuktha, APPCB
3. Ms. M Sreeranjan, APPCB
4. Dr. Vishwajeet Thakur, MPCB
5. Dr Smita N Wagh, MPCB
6. Dr. H Rupadevi, KSPCB
7. Ms. Gouri Golsangi, KSPCB
8. Shri. Avinash Kumar, BHEL
9. Shri. Shailendra Kumar, BHEL
10. Dr. Nivedita Sahu, CSIR – Indian Institute of Chemical Technology
11. Ms. Nitasha Doger, FAD14
12. Dr. Satyakam Patnaik, CSIR – Indian Institute of Toxicology Research
13. Shri. Sumit Priyadarshi, Ministry of Jal Shakti, Department of Drinking Water and Sanitation
14. Shri. Parthsarthy, DDWS
15. Dr. Sonu Singh, MoEFCC
16. Shri. Karthikeyan, NTPC
17. Dr. Sipika Chauhan, CII
18. Shri N. Murali, In Personal Capacity
19. Shri. Apurva Doshi, FIPMA
20. Shri. Dhrumil Soni, ICC
21. Shri J. I. Sevak, ICC
22. Dr. Jagdish Kumar, Shriram Institute for Industrial Research
23. Dr. Priti Amritkar, Envirocare Laboratories Private Limited
24. Dr. Nilesh Amritkar, Envirocare Laboratories Private Limited
25. Dr. Vivek Naryan Singh, Shriram Institute for Industrial Research
26. Shri. Sanjib Kumar Goswami, Envirotech East Private Limited
27. Shri. Rakesh Mehrotra, In Personal Capacity

**Resolution A-2.21/01**

The Committee deliberated and decided to revise the Scope of the Committee considering that there is need to clearly state the method of test that are developed under the Water Quality Sectional Committee, CHD 36. The revised scope of the Committee is as follows:

To formulate Indian Standards on:

a) Terminology,

b) Methods of sampling and analysis (physical, chemical and biochemical) of water, sewage, industrial effluents and marine water.

**Resolution A-2.21/02**

The Committee decided to co-opt Prof. Kiran Bala from IIT Indore into CHD 36: P3, considering her expertise. Additionally, the Committee noted that expert had submitted comments on the ISO/DIS 16094-2 "Water Quality — Analysis of Microplastics in Water — Part 2: Vibrational Spectroscopy Methods for Waters with Low Content of Suspended Solids, including Drinking Water," and based on these comments and her expertise, the Committee decided to register her as the designated expert for the ISO/DIS 16094-2 ballot. Furthermore, the Committee also decided to nominate the Member Secretary, Ms. Shubhanjali Umrao, as a designated expert for this ballot.

**Resolution A-2.21/03**

The Committee decided to Co-opt Dr. Syeda Azeem Unnisa in Panel CHD 36: P1.

**Resolution A-2.21/04**

The Committee decided to once again write to IOCL R&D to provide the CV of the experts nominated within 15 days. Further if no response is received the co-option request may be declined.

**Resolution A-2.21/05**

The Committee decided to issue the following draft into wide circulation for period of 2 month:

1. IS 3025 (Part 48): 1994 Methods of sampling and test (Physical and Chemical) for water and wastewater Part 48 mercury (First Revision)
2. Amendment to IS 3025 Part (23): 2023 Methods of Sampling and Test (Physical and Chemical) For Water and Wastewater Part 23 Alkalinity (Second Revision)
3. IS 3025 (Part 38): 1989 Water and wastewater - Methods of sampling and test Physical and Chemical Part 38 dissolved oxygen First Revision

**Resolution A-2.21/06**

The Committee decided to finalize the following draft after seeking approval from the Chairperson:

1. CHD/36/25008 IS 1622 Methods of Sampling and Microbiological Examination of Water (Second Revision)
2. CHD/36/26063 IS 17614 (Part 1): 2021 ISO 5667-1: 2020 Water Quality - Sampling Part 1 Guidance on the design of sampling programmes and sampling techniques
3. CHD/36/26065 IS 17614 (Part 3): 2021/ISO 5667-3: 2018 Water Quality - Sampling Part 3 Preservation and Handling of Water Samples (First Revision)
4. CHD/36/26079 IS 3025 (Part 65): 2022/ISO 17294-2: 2016 Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 65 Application of Inductively Coupled Plasma Mass Spectrometry ( ICP-MS ) — Determination of selected elements including Uranium Isotopes (first revision)
5. CHD/36/26051 IS 3025 (Part 64): 2015/ISO 17294-1: 2004 Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater: Part 64 Application of Inductively Coupled Plasma Mass Spectrometry (ICP - MS) - General Guidelines

**Resolution A-2.21/07**

The Committee requested the BIS Secretariat to organize a meeting with experts to resolve the comments received on IS 1622. Furthermore, if significant technical modifications are made to the draft, it may be considered for a second wide circulation. Otherwise, it may be finalized and sent for printing after obtaining approval from the Chairperson.

**Resolution A-2.21/08**

The BIS Secretariat demonstrated the IR Portal to the Committee members and guided them on how to use the portal to view ISO ballots shared with them, submit their inputs, and express interest in becoming designated members for ballots. The Committee reviewed the ISO ballot list and nominated designated experts for the working documents (NP, NWIP, CD, DIS). The list is enclosed.



**Resolution A-2.21/08**

The Committee noted that the 36th Plenary Meeting of ISO/TC 147 ‘Water Quality,’ along with its SCs and WGs, will be held in Bongeunsa-ro (Republic of Korea) from 28th October to 2nd November 2024. The agenda and meeting notice have been shared with the Committee members. Considering the recent reforms, the Committee decided to nominate designated experts for the working groups and attend the meeting virtually. Additionally, the Committee approved the following final delegation for attending the 36th Plenary Meeting of ISO/TC 147 ‘Water Quality,’ its SCs, and WGs in Bongeunsa-ro (Republic of Korea) in person from 28th October to 2nd November 2024:

1. Ms. Shubhanjali Umrao, Sc-C, Member Secretary CHD 36
2. Shri. N Raveendhar, Environment Protection Training and Research Institute, Chairperson

**Resolution A-2.21/09**

The Committee decided to share the comments received on IS 3025 (Part 44) and IS 3025 (Part 15) to Chairperson for preparation of amendment. This draft amendment then will be issued into wide circulation for period of 2 month.

**Resolution A-2.21/10**

The Committee members who attended the meeting in person visited the Central Laboratory of BIS, interacted with the testing personnel, and appreciated the efforts made in implementing the test methods.