**BUREAU OF INDIAN STANDARDS**

# RESOLUTIONS

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| Name of the Committee | No. of Meeting | Date | Time | Venue |
| Water Purification Systems Sectional Committee, FAD 30 | 10th | **26 July 2024**  **(Fri)** | **10:30 AM** | **Virtual** |

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| **CHAIRPERSON:**  **Dr. S. Sridhar**  Chief Scientist and Professor  Water Technology and Management Division  CSIR- Indian Institute of Chemical Technology (IICT), Hyderabad | **MEMBER SECRETARY:**  **Dr. Nitasha Doger**  Scientist – E/ Director  Food & Agriculture Department,  Bureau of Indian Standards, New Delhi |

**RESOLUTIONS TAKEN DURING 10th MEETING OF WATER PURIFICATION SYSTEMS SECTIONAL COMMITTEE, FAD 30 AS WEB MEETING:**

1. **RESOLUTION FAD 30/ 2024/R-7 –** Withdrawal of Inactive members

Having considered the lack of participation from Federation of Indian Chambers of Commerce and Industry, New Delhi in the Committee meetings, the Committee decided to recommend their withdrawal from Committee composition.

1. **RESOLUTION FAD 30/ 2024/R-8 –** Renaming the Panels as Working groups

The Committee decided that the existing panels under the committee may be designated as working groups as all these panels are adhoc in nature and were constituted for specific tasks.

1. **RESOLUTION FAD 30/ 2024/R-9 –** Widecirculation of Doc: FAD 30 (23542)WC

The Committee endorsed the recommendation of the *Expert Panel for Review of IS 14724: 1999 for UV Water Disinfection System* (FAD 30/ Panel 4) provided as Annex VII of the agenda. The Committee requested BIS secretariat to incorporate the changes recommended by the panel in the draft and decided to send the draft into wide circulation (WC) for 30 days as second WC considering that there are substantial technical changes suggested in the document.

1. **RESOLUTION FAD 30/ 2024/R-10 –** Comments received on WC- Draft, FAD 30 (22352)WC

The Committee requested the *Expert Panel for Ultrafiltration (UF) based Water Purification System (FAD 30/ Panel 2)* to considerthe comments received on Doc: FAD 30 (22352) WC, Ultrafiltration UF Membrane - Based Point-Of-Use Drinking Water Treatment System — Specification to the expert paneland submit its recommendation by 30 Sep 2024.

1. **RESOLUTION FAD 30/ 2024/R-11 –** Comments received on P-Draft, FAD 30 (24246)P

The Committee referred the comments received from SWNI and DDWS on P-Draft, FAD 30 (24246)P, Code of practice for design installation and operation maintenance of community drinking water treatment plants (CWTPS) to the expert panel on the subject for consideration and recommendation in the matter by 31 Oct 2024.

1. **RESOLUTION FAD 30/ 2024/R-12 –** Finalization of the terms of reference for the R&D Project on de-fluoridation of water for drinking purposes

The Committee decided to finalize the terms of reference for the R&D project on ‘Study on effective technologies/methodologies available for removal of fluoride from water for drinking purposes’ as given in Annex V of the agenda for inviting expression of interest for the same.

1. **RESOLUTION FAD 30/ 2024/R-13 –** Finalization of the terms of reference for the R&D Project on removal of iron from water for rural water supply

The Committee decided to finalize the terms of reference for the R&D project on ‘Study on effective technologies/methodologies available for iron removal from water for rural drinking water supply’ as given in Annex VI of the agenda for inviting expression of interest for the same.

1. **RESOLUTION FAD 30/ 2024/R-14 –**Microfiltration (Mf) based water purification systems

The Committee decided to drop the subject ‘Microfiltration (Mf) based water purification systems’ for standard development considering that microfiltration is not used as a standalone technology for point of use water purification systems. The Committee further decided to constitute following working group to deliberate upon the need and modalities of formulating Indian standards on components used in water purification systems and submit its recommendations to the committee in 3 months’ time:

1. Dr. Noel Jacob Kaleekkal, NITC, Kozhikode
2. Dr. Vinay M. Bhandari, NCL, Pune
3. Dr. Puyam Singh, CSIR-CSMCRI, Bhavnagar
4. Shri Mukthesh Pathi, WQIA
5. Dr. T. N. V. V. Rao (*In personal capacity*)
6. **RESOLUTION FAD 30/ 2024/R-15 – Comments received on IS 16240:2023**

The Committee endorsed the recommendation of the expert panel regarding decided to refer IS 3025 (Part 14), Method of Sampling and Test (Physical and Chemical) for Water and Wastewater, Part 14: Specific Conductance (Wheatstone Bridge, Conductance Cell) in place of IS 3025 (Part 16), Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 16 Filterable Residue (Total Dissolved Solids) at 180 °C, for TDS determination from TDS meter. The Committee requested BIS secretariat to prepare draft amendment to IS 16240: 2023 incorporating the changes recommended by the panel and endorsed by the committee in its present meeting (10th) as well as previous meeting (9th). The committee further decided to send the draft amendment into wide circulation with 60 days commenting period.