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**BUREAU OF INDIAN STANDARDS**

**AGENDA**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of the Committee | No. of Meeting | Date | Time | Venue |
| Water Purification Systems Sectional Committee, FAD 30 | 9th  | **5 March 2024****(Tues)** | **10:30 AM** | Through WebEx**Meeting Link:**<https://bismanak.webex.com/bismanak/j.php?MTID=m2daddc53219787a21c909a2d2e9dd443>**Meeting number:** 2520 841 2034**Password:** Fad@123  |

|  |  |
| --- | --- |
| **CHAIRPERSON:** **Dr. Pawan Kumar Labhasetwar**Chief Scientist & Head Water Technology and Management Division CSIR-National Environmental Engineering Research Institute (NEERI), Nagpur | **MEMBER SECRETARY:** **Dr. Nitasha Doger**Scientist - D Food & Agriculture Department,Bureau of Indian Standards, New Delhi |

  **ITEM 0 GENERAL**

* 1. **Welcome**
	2. **Opening Remarks by the Chairman, FAD 30**

**ITEM 1 CONFIRMATION OF THE MINUTES OF THE LAST MEETING**

The minutes of the 8th meeting of Water Purification Sectional Committee, FAD 30 held on **4 Dec 2023** were circulated vide email dated **28 Dec 2023**. No comments on the accuracy of recording were received.

***The Committee may kindly confirm the minutes as circulated.***

**ITEM 2 SCOPE, ACTIVITIES & COMPOSITION OF THE SECTIONAL COMMITTEE**

**2.1 SCOPE & ACTIVITIES OF THE COMMITTEE**

**2.1.1** The scope & activities of the Water Purification Systems Sectional Committee, FAD 30 is embedded below as **Annex I**:



***The Committee may kindly deliberate.***

**2.2 COMPOSITION OF THE SECTIONAL COMMITTEE**

**2.2.1** The updated composition of Water Purification Systems Sectional Committee, FAD 30 along with the attendance record of last three meetings is embedded below as **Annex II**:



***The Committee may kindly deliberate.***

**2.2.2** The scope and composition of Panels and Working groups under FAD 30 is embedded below enclosed as **Annex III:**

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***The Committee may kindly deliberate.***

**ITEM 3 DRAFT INDIAN STANDARDS COMPLETED WIDE CIRCULATION**

**3.1** In line with the decision taken during 7th meeting of the Committee, following draft Indian Standards which were sent into wide circulation for 60 days inviting comments, have completed the wide circulation period:

|  |  |  |  |
| --- | --- | --- | --- |
| **SI. No.** | **Doc. No.** | **Title** | **Last date of comments** |
| 1 | FAD 30 (23542) WC | Ultraviolet water disinfection system —Specification (*first revision*) | 31/12/2023 |
| 2 | FAD 30 (22352) WC | Ultrafiltration UF Membrane - Based Point-Of-Use POU Drinking Water Treatment System — Specification | 31/ 12/ 2023 |

**3.2** During the wide circulation period, comment received on Doc: FAD 30 (23542)WC have been compiled and are embedded below as **Annex IV**:



***The Committee may kindly deliberate.***

**3.3** During the wide circulation period, comments received on Doc: FAD 30 (23552) have been compiled and are embedded below as **Annex V**:



***The Committee may kindly deliberate.***

**ITEM 4 DRAFT INDIAN STANDARD COMPLETED P-DRAFT STAGE**

**4.1** In line with the decision taken during 7th meeting of the Committee, following P draft which was circulated amongst the committee members for 30 days inviting comments, has completed the circulation period:

|  |  |  |  |
| --- | --- | --- | --- |
| **SI. No.** | **Doc. No.** | **Title** | **Last date of comments**  |
| 1 | FAD 30 (24246)P | Code of practice for design installation and operation maintenance of community drinking water treatment plants (CWTPS) | 25/12/2023 |

**4.2** During theperiod of circulation of Doc. FAD 30 (24246) P, no comments have been received.

 ***The Committee may kindly deliberate.***

**ITEM 5 ACTIONS ARISING OUT OF PREVIOUS MEETING:**

**5.1 R&D Project on ‘Optimization of Recovery Efficiency of Reverse Osmosis-Based Point-Of-Use Water Treatment Systems’**

During the 8th meeting of the Committee held on 4 Dec 2024, the Committee agreed to take up R&D project for Optimization of Recovery Efficiency of Reverse Osmosis-Based Point-Of-Use Water Treatment Systems and finalized the terms of reference (ToR) for the R&D project.

The Project has been approved by Screening Committee of BIS. The R&D Guidelines and ToR for the approved project are embedded below as Annex VI & Annex VII respectively. The ToR for project will be hosted on BIS website soon for inviting proposals:



A Research Evaluation Committee (REC) consisting of two experts from the Committee is to be constituted to evaluate the proposals received as per procedure for approval of R&D proposals (Please refer to clause no. 8 of the attached R&D guidelines). The experts nominated by the committee shall be required to give a declaration to the effect that there is no conflict of interest with respect to the R&D project.

***The Committee may kindly deliberate.***

**5.2 Review of 12742: 1989, Guide for De-fluoridation of Water for Drinking Purposes**

The Committee in its the 8th meeting decided to constitute following working group for review of 12742: 1989, Guide for de-fluoridation of water for drinking purposes’ through ARP (Action research Project) in 6 months’ time:

* Shri Ravindra Sewak, Safe Water Network India - Convener
* Dr. S. Sridhar, IICT, Hyderabad
* Dr. T. N. V. V. Rao (*In personal capacity*)

Inputs from the working group are awaited.

***The Committee may kindly deliberate.***

**5.3 Review of IS 12918: 1990, Guide for Removal of Iron from Water for Rural Water Supply**

The Committee in its the 8th meeting decided to constitute following working group for review of IS 12918: 1990, Guide for removal of iron from water for rural water supply through ARP (Action research Project) in 6 months’ time:

* Dr. Shveta Mahajan, Safe Water Network India- Convener
* Dr. Sandeep Narayan Mudliar, CFTRI, Mysore
* Dr. Noor Afshan Khan, NEERI

Inputs from the working group are awaited.

***The Committee may kindly deliberate.***

**5.4 Formulation of New Indian Standard On Microfiltration (Mf) Based Water Purification Systems**

The Committee in its the 8th meeting assigned the responsibility of preparation of draft Indian standard on Microfiltration based water purification system through ARP (Action research Project) to Dr S. Sridhar, IICT Hyderabad. The Committee requested Dr. Sridhar to complete the project in 3 months’ time.

Inputs from the Dr S. Sridhar are awaited.

***The Committee may kindly deliberate.***

**5.4 Comments received on IS 16240:2023**

The Committee in its the 8th meeting noted the comment received from WQIA and LG Electronics India Pvt. Ltd and requested Expert Panel FAD 30/ Panel 1 for their recommendation in the matter. The Comments have been discussed by the expert panel in its meeting held on 13 Feb 2024 and the minutes of the meeting with recommendation of the Panel is embedded below as **Annex VIII:**

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***The Committee may kindly deliberate.***

**ITEM 6 REVIEW OF INDIAN STANDARDS**

**6.1** **Standards Due for Review as per 5 Yearly Review Criteria:**

As per the provisions of the BIS rules and regulations every Indian Standard within five years of its publication/ earlier reaffirmation is to be reviewed by the concerned Sectional Committee under the following guidelines:

i) The Standard may be reaffirmed in the present form.

ii) The standard may be reaffirmed with minor changes by issuing of an amendment.

iii) The Standard may be reaffirmed while simultaneously taking up for revision.

iv) The Standard may be withdrawn.

**(**BIS has introduced the option of ‘Archiving of Indian Standards’ where users/stakeholders have not been identified and sufficient technical information/inputs to take up review of the standard are not available)

**6.2** As per the above criterion, no Indian Standard under this Committee is becoming due for review in 2024-25.

***The Committee may kindly note.***

**ITEM 7 FINALISATION OF ANNUAL ACTION PLAN FOR 2023-24**

In order to ensure a systemic approach in standardization activity, Bureau of Indian Standards prepares the annual action plan in the beginning of each year. The progress made under the AAP for the year 2023-24 for FAD 30 is embedded below as **Annex IX**:



***The Committee may kindly deliberate on AAP for the year 2024-25.***

**ITEM 8 TIME AND PLACE FOR THE NEXT MEETING**

As per BIS process reforms, an Annual meeting calendar has to be prepared for each of the technical committee. The annual meeting calendar serves as a roadmap for the committee members, allowing them to plan their participation and engagement in the standardization process. This enables the committee members to effectively plan and contribute to the standardization activities according to the established schedule.

Draft Plan for the Committee meetings of FAD 30 is given below:

|  |  |  |  |
| --- | --- | --- | --- |
| **Sectional Committee** | **Planned frequency (Months)** | **July 2024** | **Dec 2024** |
| Water Purification Systems Sectional Committee, FAD 30 | 6 | 26 July 2024 | 20 Dec 2024 |

***The Committee may consider.***

**ITEM 12 ANY OTHER BUSINESS**