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# BUREAU OF INDIAN STANDARDS

***MINUTES***

**Soaps, Detergent and Surface Active Agents, Sectional Committee, CHD 25 42nd Meeting**

Day and Date  **:** Wednesday, 04th September 2024

Time **:** 1400 h

Mode of meeting **:** Hybrid (Virtual + Physical)

Venue of meeting **: Hybrid Meeting (Bengaluru, Karnataka, India)**

**CHAIRPERSON :** Prof. **(**Dr.) P. K. S. Yadav, HoD, Oil Technology, School of Chemical Technology, Harcourt Butler Technical University (Kanpur)

**MEMBER-SECRETARY:** Virendra Singh, Scientist – ‘E’, Chemical Department, BIS

**Members Present:**

|  |  |  |  |
| --- | --- | --- | --- |
| **SI No.** | **Organization** | **Member Name/ represented by** | **Mode of attendance** |
|  | Associated Chambers of Commerce and Industry of India, New Delhi | * Shri Vikas Tiwari * Shri Sandeep Kumar Jain | * **Physical** * Virtual |
|  | Bengal Soaps and Detergents Manufacturers Welfare Association, Kolkata | * Shri Ritum Jain * Shri Nitin Aggarwal | * Virtual * Virtual |
|  | Central Drugs Standard Control Organization, New Delhi | * Smt. L. Suganthi | * Virtual |
|  | Central Pollution Control Board, New Delhi | * Shri Dinabandhu Gouda | * Virtual |
|  | Consumer Guidance Society of India, Mumbai | * Dr Sitaram Dixit | * Virtual |
|  | Consumer Voice, New Delhi | * Shri. M. A. U. Khan * Rajiv Jha | * Virtual * Virtual |
|  | M/s Dabur India Limited, Sahibabad | * Shri Ashish Kumar Dixit * Shri Neeraj Kumar Gupta | * Virtual * Virtual |
|  | Directorate General of Quality Assurance, CQA (Textiles and Clothing), Kanpur | * Shri A K Patra * Shri S K Pandey | * Virtual * Virtual |
|  | FASSSDMI | * Shri Aseem Galhotra | * Virtual |
|  | M/s Fena Private Limited, New Delhi | * Shri Benny G Jacob | * Virtual |
|  | M/s Godrej Consumer Products Limited | * Smt. Rupinder Kaur Rawat * Dr. Manoj Gaur | * Virtual * Virtual |
|  | Harcourt Butler Technical University, Kanpur | * Shri. Gaurav Singh * Shri Sanjay Kumar Singh | * Virtual * Virtual |
|  | M/s Hindustan Unilever Limited | * Smt. Preeti Chodankar * Smt. Seema Yadav | * Virtual * Virtual |
|  | M/s ITC Limited | * Dr. Doss Jayaprakash * Dr Guruprasad K V | * **Physical** * **Physical** |
|  | Indian Home And Personal Care Industry Association, Mumbai | * Dr. A. Sivakumar | * Virtual |
|  | M/s Indian Oil Corporation Limited, Mumbai  Central | * Dr. Y S Jhala * Shri Rishikesh Prajapati | * Virtual * Virtual |
|  | Institute of Chemical Technology, Mumbai | * Dr. Amit P. Pratap * Prof. R.D. Kulkarni | * Virtual * Virtual |
|  | Micro, Small and Medium Enterprises, Technology Development Centre, New Delhi | * Shri Manoj Kumar | * Virtual |
|  | National Test House, Kolkata | * Dr. Amarnath Chakraborty * Shri Vinod Kumar AmirchandRam | * Virtual * Virtual |
|  | M/s Novozymes South Asia Private Limited, Mumbai | * Dr. Vasudheva Reddy * Shri Saurabh Arun Srivastava | * Virtual * Virtual |
|  | M/s Procter and Gamble India, Mumbai. | * Shri Sivakumar Thanigachalam | * Virtual |
|  | M/s Reckitt Benckiser India Private Limited, Mumbai | * Smt. Jasmin Kalra | * Virtual |
|  | In Personal Capacity | * Prof. (Dr.) R K Trivedi | * Virtual |

**OTHER PARTICIPANTS:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl No.** | **Organization** | **Member Name** | **Mode of attendance** |
|  | Central Drugs Standard Control Organization Delhi | * Dr. Rikta saha | * Virtual * Virtual |
|  | Galaxy Surfactants Ltd Mumbai | * Shri Pramod Sabat | * Virtual |
|  | ITC Limited | * Shri Bharatwaajan * Smt Aparna Mohan | * Virtual * Virtual |
|  | Indian Oil Corporation Limited, Mumbai | * Dr Mehul P. Bhatt | * Virtual |
|  | Bureau Of Indian Standards | * Shri Rajeev Sharma | * Virtual |
|  | Hindustan Unilever Limited, Mumbai | * Shri Venkataraghavan R | * Virtual |
|  | Dabur India Limited, Sahibabad | * Shri Sonu ji | * Virtual |

# WELCOME AND OPENING REMARKS

# WELCOME BY BIS

On behalf of BIS, Shri Virendra Singh extended a warm welcome to the Chairperson, Prof. (Dr) P.K.S. Yadav, Professor & Head, Department of Oil Technology, School of Chemical Technology, HBTU (Kanpur) and all members of the CHD 25 present for 42nd meeting of the committee.

# OPENING REMARKS BY THE CHAIRMAN

Prof. (Dr) P.K.S. Yadav, Professor & Head, Department of Oil Technology, School of Chemical Technology, HBTU (Kanpur) extended a warm welcome to the members in the meeting. He expressed his appreciation for the regular meetings of the committee, noting that this has not only increased participation but also enhanced the contributions from members. This active involvement is enabling the committee to make timely decisions and progress on various documents. He urged the members to continue contributing their inputs and comments to further improve the efficiency of the committee.

# CONFIRMATION OF THE MINUTES OF THE LAST MEETING

The committee noted that the minutes of 41st meeting of Soaps, Detergents and Surface-Active Agents Sectional Committee, CHD 25 held on 11th June, 2024 were circulated to members on 16th June, 2024 through BIS Portal after obtaining approval from the Chairperson. Noting that no comments were received on the Minutes of the meeting, the committee considered and decided to approve the minutes of 41st meeting of CHD 25, placed at 1 of Agenda.

# SCOPE AND COMPOSITION OF COMMITTEE

# Scope of “Soaps, Detergents and Surface Active Agents” Sectional Committee CHD 25

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The committee took note of the information placed at 2.1 of Agenda regarding the current Scope of the Committee, as given below:

1. *To formulate Indian Standards for terminology, methods of sampling and test and specifications for soaps; other surface active agents including non-soapy detergents, wetting agents, emulsifying agents, including formulated and speciality products and glycerine;*
2. *To co-ordinate with the work of ISO/ TC 91 Surface Active Agents*.”

## **COMPOSITION OF CHD 25**

* + 1. The committee took note of the information placed at 2.2.1 of Agenda regarding the current composition of the CHD 25.

### The committee took note of the following guidelines for composition of the Sectional Committees:

1. Information placed at 2.2.2 (i) of Agenda regarding the optimum size of a sectional committee.
2. Information placed at 2.2.2 (ii) of Agenda regarding advisable ratio of industry and non-industry representation on the Sectional Committee and current representation of various stakeholder groups on CHD25 and its Panels.
3. The committee took note of information placed at 2.2.2 (iii) of Agenda regarding consequences of non-participation in two or more consecutive committee meetings

* + 1. **Co-options (requests/ identified)**

1. The committee recalled that during the last meeting, BIS Secretariat was advised to follow up again with Indian Society for Surface Science and Technology, Kolkata (C/o Jadavpur University, Kolkata) (ISSST) to seek their willingness for membership on CHD 25. A response is still awaited from ISSST. The committee reviewed the status and **advised BIS Secretariat to follow-up again with ISSST**.
2. The committee took note of the information placed at 2.2.3 (b) that the proposal for co-option of OTAI on CHD 25 will be put up in the upcoming CHDC meeting scheduled for 13th September 2024.
   * 1. **Non-Participation in committee meetings:**

The Committee noted that a letter No. P&C/09/18/2023-PNC-BIS dated 09th Nov 2023 form DG BIS was sent to members stating non-participation in the two consecutive meetings shall lead to withdrawal of membership. Subsequently on review of attendance, the committee decided **to withdraw** the membership of **Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon** as they did not attend more than two consecutive meetings. BIS Secretariat is advised to take necessary approvals from the Divisional Council.

* + 1. **Change in /fresh nominations:**

The committee noted that the following members had communicated change in nominations as given below:

1. IOCL

The fresh nominations received from IOCL are placed below:

**Principal Member**: Dr. JHALA Y. S.

**Alternate Member**: Dr. Mehul Bhatt

1. **Consumer Voice**

The fresh nominations from Consumer Voice are placed below:

Principal Member – Mr. M.A.U. Khan

Alternate Member – Dr R. K. Jha and Sh. H. WADHWA

### **Programme of Work (PoW):**

The committee took note of Programme of Work of CHD 25 placed at 2.2.6 of Agenda.

# DRAFT STANDARDS/ AMENDMENTS FOR FINALIZATION

* 1. **Revision of IS 8540: 1986 Specification for Glass Cleaner Liquid**

The committee reviewed the current status of revision of IS 8540:1986 and the changes proposed in the document by the subcommittee CHD25:SC2 placed at 3.1 of Agenda.

The committee unanimously approved all the changes proposed by the Subcommittee, as given below along with other minor editorial corrections, in the document CHD 25 (22726):

1. ‘packaging’ in place of ‘container’ across the standard.
2. ‘fragrance’ in place of ‘perfumes’ in 4.1.1
3. ‘The glass cleaner shall be clear and homogenous liquid’ in place of ‘the glass cleaner shall be clear and homogenous liquid or a suitable suspension of solid matter in the medium but shall be homogenous liquid upon shaking’ in 4.1.2
4. Modified the method for determination of *p*H value as B-6 & IS 15557.
5. Modified the packing clause 5.1.1 as ‘The glass cleaner shall be packed in glass or any other suitable packaging with or without in-built spray device.’
6. Modified the secondary packing clause 5.1.3 as ‘The packaging may be packed in cardboard or fibre board or wooden boxes with suitable nests or as agreed to between the purchaser and the manufacturer.’
7. The note below 5.2.1 has been modified as ‘Any other marking required under relevant Legal Metrology (Packaged commodities) Rules may also be given’
8. Modified B-6.1 Procedure for determination of pH value.

The committee finalized document no. CHD 25 (22726) [Revision of IS 8540: 1986 Glass Cleaner Liquid Specification], as given below, for publication. The document has incorporated all the changes suggested by subcommittee and agreed upon in the meeting.



# DRAFT STANDARDS/ AMENDMENTS FOR APPROVAL FOR WIDE CIRCULATION

* 1. **Revision of IS 7983:1994 Toilet cleaner, liquid — Specification (*First Revision*)**

The committee reviewed the current status of the revision of the IS 7983:1994. In the 41st meeting, the committee reviewed the draft document prepared by the BIS Secretariat for circulation in WC and recognizing the need for additional inputs to revise the standard, the committee decided to form the following expert panel to review the draft and provide recommendations within one month:

* Shri Neeraj Gupta – M/s Dabur India Limited – Convenor
* Shri Vikas Tiwari - ASSOCHAM
* Smt Seema Yadav – HUL
* Ms Jasmin Kalra – Reckitt

During this meeting, the given draft document submitted by the panel was presented:



The committee reviewed the draft document and requested **Mr Neeraj Gupta from M/s Dabur India Limited** to provide a clean copy of **the draft document for revision of IS 7983:1994. The committee decided to circulate** the clean copy to committee members as P-draft for 21 days. BIS Secretariat highlighted that it will be mandatory for all members to comment on the document whether they agree/ agree with comments/ disagree with justification or have not comments.

In case of no comments or comments of editorial nature are only received on the P-draft, the document will be issued into wide circulation for a period of 2 months under priority II. However, technical comments will be referred to the Panel led by Mr Neeraj Gupta for resolution and will thereafter be discussed in the committee.

# DRAFTS UNDER PREPARATION

* 1. **Revision of IS 5785 (Part 3)**

The Committee recalled the status of the revision of IS 5785 (Part 3) given at 5.1 of Agenda and notedduring the systematic review of ISO 696:1975, no technical changes were suggested. The committee also noted that Dr Sivakumar had again reviewed the document for alignment with ISO 695:1975 and commented that no changes/ modifications are required in the proposed draft. The final version of draft document for revision of IS 5785 Part 3 received from Dr Sivakumar is given below:



Considering the above status and that Doc No. CHD 25 (19459) for IS 5785 (Part 3): 1970 is already under publication since March 2023, the committee decided **to proceed further with the publication** of **CHD 25 (19459) [revision of IS 5785 (Part 3) Methods for performance tests for surface active agents Part 3 Foaming power]** after incorporating the recent changes/ modifications suggested by Mr Sivakumar from P&G.

* 1. **Revision of IS 5785 (Part 4)**

The committee recalled the status and noted that during 25th meeting of CHD 25:SC 3 held on 4th July 2024, the Panel deliberated and decided as given below:

* The test design for running of the washing machine needs to have uniformity.
* Normal washing machines available in the market can be used for running the test provided that testing conditions remain same.
* Stains shades suppliers – Stains cloths may also be added. Either the reference to national/ international repute stain shades should be mentioned or in case of identified suppliers, accreditation/ recognition of stains shades suppliers should be mentioned. Mr Sivakumar from P&G was requested to assess the status of the accreditation/ recognition hold by M/s Shah & Shah and M/s Fab Test lab referred in the draft document. Possibilities to be explored to include more such suppliers.
* Stain Shade – Clarity on the composition of IS Soil Stain as per IS 5785.
* Availability of comparative study for efficiency in the top load and front load was raised. M/s Galaxy Surfactants, M/s HUL and M/s Godrej Consumer volunteered to find out availability of testing facility and carry out comparative study with washing machines and validate the results. M/s Galaxy Surfactants was requested to confirm availability of testing facility in a week time period.
* Mr Sivakumar from P&G agreed to provide stains.
* It was also agreed that initially the test may be run for 3-4 stains and based on the outcome, further decision on continuity of the test will be taken.
* The subcommittee decided that in case none of the committee members have the testing facility, the subject may be taken up as an R&D project.

Subsequently, Dr Sivakumar shared the following information received from M/s Shah and Shah regarding stains:

1. M/s Shah and Shah has developed the stains as per the requirements of India/ global manufacturers and the stains have been tested and validated by HBTU against available international standards.
2. M/s Shah and Shah has shared the product list and requested the address to send the representative stains samples.
3. The HBTU Test Report and Updates SSA product list were also shared.

Based on the inputs, Dr Siva has also shared the modified version of the draft document for revision of IS 5785 (Part 4), as given below:



During the meeting, representative of M/s Galaxy Surfactants confirmed that it has testing facilities for carrying out relative detergency test using washing machines as proposed in the draft document for revision of IS 5785 Part 4 and for validating the results.

**The committee therefore requested M/s Galaxy Surfactants to carry out the test and provide the results. The committee also requests Mr Sivakumar from P&G to coordinate with the Stain Supplier to arrange and deliver the samples for undertaking the study.**

* 1. **IS 11601: 2002 Method of safety evaluation of synthetic detergents- tests for skin irritation and sensitization potential of synthetic detergents**

The Committee recalled the current status of revision of IS 11601 and noted that in the recent meeting of CHD 25:SC 3 held on 4th July, the panel deliberated and decided as following:

* P&G, HUL and Galaxy to go through the document and provide their inputs for modifications, if any.
* Mr Sivakumar to examine the draft documents for revision of IS 11601:2002 and IS 13424:2001 for identification of the differences and similarities in both the documents.
* P&G and HUL also mentioned that as the OECD guidelines have been updated, they will examine the latest OECD guidelines and share the latest modifications in the guidelines. These updates may be incorporated in the draft documents.

Noting that inputs/ comments from the P&G, HUL and Galaxy were still awaited, the committee requested **Mr Sivakumar from P&G, Ms Seema Yadav from HUL and M/s Galaxy** Surfactants to provide their recommendations along with the draft document **for revision of IS 11601: 2002 within 15 days.**

The committee also **decides to circulate this draft document to committee members as P-draft for 21days** and thereafter issue these documents into wide circulation for a period of 2 months under priority II, if no comments or comments of editorial nature are only received on the P-drafts. Technical comments will be referred to the Panel led by Mr Sivakumar for resolution and will thereafter be discussed in the committee.

* 1. **IS 13424: 2001 Safety evaluation of bathing bars and toilet soaps -Methods of the test (First Revision)**

The Committee recalled the current status of revision of IS 13424:2001 and noted that in the recent meeting of CHD 25:SC 3 held on 4th July, the panel deliberated and decided as following:

* P&G, HUL and Galaxy to go through the document and provide their inputs for modifications, if any.
* Mr Sivakumar to examine the draft documents for revision of IS 11601:2002 and IS 13424:2001 for identification of the differences and similarities in both the documents.
* P&G and HUL also mentioned that as the OECD guidelines have been updated, they will examine the latest OECD guidelines and share the latest modifications in the guidelines. These updates may be incorporated in the draft documents.

Noting that inputs/ comments from the P&G, HUL and Galaxy were still awaited, the committee requested **Mr Sivakumar from P&G, Ms Seema Yadav from HUL and M/s Galaxy** Surfactants to provide their recommendations along with the draft document **for revision of IS 13424:2001 within 15 days.**

The committee also **decides to circulate this draft document to committee members as P-draft for 21days** and thereafter issue these documents into wide circulation for a period of 2 months under priority II, if no comments or comments of editorial nature are only received on the P-drafts. Technical comments will be referred to the Panel led by Mr Sivakumar for resolution and will thereafter be discussed in the committee.

* 1. **Liquid cleaner (for baby feeding plastics bottles and plastics, rubber and silicon baby accessories)**

The committee recalled the status of the subject and noted that to facilitate the preparation of a working draft, BIS Secretariat convened a meeting on **14th August 2024** to discuss this document with Ms. Tanima from M/s J L Morisons, M/s Jasmin from Reckitt Benckiser India Private Limited, Mumbai and Ms. Seema Yadav, Hindustan Unilever Limited, Mumbai. The experts deliberated on following points:

1. Title and scope of the document
2. Possible composition of product
3. Manufacturer in India (M/s Reckitt and M/s HUL mentioned that they are not manufacturing such products)
4. The test methods that are applicable for the above product
5. Structure of the standard and various requirement

Ms Tamina agreed to provide a modified draft document for consideration by the members. The modified draft document is still awaited.

* 1. The committee reviewed the status of revision of the following Indian Standards:

1. IS 8401:1994 Alkyl Benzene Sulphonic Acid (Acid Slurry) – Specification
2. IS 9985:1992 Sodium Alkyl Benzene Suplphonate, Technical – Specification
3. IS 13933:1995 Method of test for ready biodegradability of surface active agents (Modified Sturus Test)

In 41st meeting of CHD 25, the committee considered and reviewed the draft documents prepared by BIS Secretariat for issuance in WC, as given below:



Recognizing the need for further inputs for the revision of standards, the committee decided to establish the following expert panels for reviewing and providing its recommendations on the draft documents prepared for revision of the standards within a one-month period:

1. To review draft documents for revision of IS 8401:1994 Alkyl Benzene Sulphonic Acid (Acid Slurry) — Specification and IS 9985:1992 Sodium Alkyl Benzene Suplphonate, Technical — Specification for incorporation of other formats of supply such as flakes and liquid

Members:

* Dr Doss Jayaprakash – Convenor
* Shri Nitin Agrawal, Bengal Soaps and Detergents Manufacturers Welfare Association
* Shri Sanjay Trivedi, IHPCIA
* Shri Aseem Galhotra – FASSSDMI
* Smt Seema Yadav – HUL

1. To review draft document for revision of IS 13933:1995 Method of test for ready biodegradability of surface active agents (Modified Sturus Test) for exploring possibilities of including other internationally validated methods for determination of biodegradability of surface active agents

Members:

* Dr Sivakumar – IHPCIA – Convenor
* Smt Seema Yadav – HUL
* Shri Sivakumar T– P&G
* Dr Manoj Gaur – M/s Godrej Consumer Products Limited
* Dr Y S Jhala - IOCL

Considering the above and that the draft documents are still awaited, the committee requested the Panel led by Dr Doss Jayaprakash to provide working draft for revision of the following Indian Standards

1. IS 8401:1994 Alkyl Benzene Sulphonic Acid (Acid Slurry) — Specification
2. IS 9985:1992 Sodium Alkyl Benzene Suplphonate, Technical — Specification

And the panel led by Dr Sivakumar from IHPCIA to provide draft document for revision of:

1. IS 13933:1995 Method of test for ready biodegradability of surface active agents (Modified Sturus Test)

The committee requested the Panels **to provide the draft documents in next 15** **days**. Upon receipt of the draft document, these will be circulated amongst the committee members as P-draft for 21 days and thereafter will be issued into wide circulation for a period of 2 months under priority II, if no comments or comments of editorial nature are only received on the P-drafts. Technical comments will be referred to respective Panels for resolution and will thereafter be discussed in the committee.

# COMMENTS ON PUBLISHED STANDARDS

* 1. **IS 4955:2020 Household Laundry Detergent Powders — Specification (*Fifth Revision*)**

The committee recalled the following comments received from M/s P&G on IS 4955:2020 and discussed in 41st meeting:

** **

During 27th meeting of CHD 25:SC 2 held on 22nd August 2024, Mr Sivakumar from P&G explained his comments that other active ingredients such as enzymes, polymers and bleach should also be incorporated in the standard considering that these types of ingredients are being added in the products and a lot of innovations are happening in this area.

With respect to skin irritant and sanitization potential test for novel ingredient(s), BIS Secretariat mentioned that the current amendment to IS 4955 contains the definition given in the CDSCO Rules.

The subcommittee noted that focus should be on the performance-based standards instead of specifying the ingredients.

Furthermore, it was noted that the standard has been allocated to Mr Benny Jacob for review and recommendation. Members were requested to get in touch with Mr Benny Jacob to discuss possible modifications in the standard.

**The committee took note of the above status.**

* 1. **IS 10523: 2014 Baby toilet soap — Specification (*First Revision*)**

During 41st meeting, the committee noting that the parameter and method of test for saponified matter were not specified, decided to issue an amendment in consultation with Mr Mandar from JNTL for specifying the requirement for saponified matter aligning it with the requirement given in IS 7532:2018 ‘Soft Soap – Specification’.

After the 41st meeting, BIS Certification Marks Department -II mentioned that as of now the requirement of dermatological safety for baby toilet soaps is optional as it is given under the Criteria for Eco mark and suggested that in case the requirement is required to be essentially test, clause 4.4.2 needs to be re-numbered and taken out from Clause 4.4 of IS 10523:2014, copy of the email is placed below.



During 28th meeting of CHD 25:SC1, the subcommittee considered the above comment and other related issues and decided as given below:

1. With respect to the comments received from Central Marks Department as given below:

* **Thoroughly saponified**

***4.1*** *Description Baby toilet soap shall be a high grade, thoroughly saponified, milled soap or homogenized soap or both, white or coloured, mildly perfumed or unperfumed, and compressed in firm smooth cakes. It shall possess good cleaning and lathering properties. It shall be free from rancidity.*

BIS Secretariat mentioned that IS/ ISO 1067:1974 provides methods for determination of unsaponifiable, unsaponified and unsaponified saponifiable matter in soaps.

The subcommittee deliberated on the issue and noted that as soaps are made from fat (triglycerides) or various oils, including phytosterols and other phytochemicals, unsaponifiable matter or unsaponified refers to the fat or oils remain after the saponification process. These substances are insoluble in both water and alcohol. The standard specifies that the matter insoluble matter in water and alcohol must not exceed 0.5 % by mass and 2.0 % by mass respectively. These requirements ensure that the soap is fully saponified. The subcommittee also expressed concerns that introducing additional requirements, which have already been addressed through other means, could lead to unnecessary increases in expenses.

* **Dermatological safety studies**

The dermatological safety studies are mandatory for baby toilet soap manufacturers and therefore should not be optional requirement. Consequently, the subcommittee decided to recommend that dermatological safety study should be a mandatory requirement.

1. **Comments of Mr Ritum Jain**

During the discussion, the subcommittee also considered Mr Ritum Jain’s suggestion placed at 4.1.2 of Agenda, which proposed the inclusion of an additional requirement for “Free Fatty Acidity” and specifying the temperature of water for testing the requirement for ‘Freedom from grit’.

Highlighting that specifying such requirements might be challenging without a clear understanding of the landscape. The committee noted that the amount of free fatty acid varies with different grades of soap. Moreover, some free fatty acids are beneficial for the skin due to their moisturizing properties and contribution to lathering quality. Therefore, the subcommittee recommended against adding an additional requirement for “Free Fatty Acidity”. The subcommittee however also noted that in case there are specific difficulties in implementation of the standard, these may be brought to the notice of the subcommittee by the proposer.

Regarding specification of water temperature for the “Freedom from grit” test, the subcommittee agreed that using running tap water is appropriate. It was also noted that soap texture can be affected by solid matter that may melt at higher temperatures, and grit in the soap could impact the skin. Thus, subcommittee recommended specifying a water temperature of (27 ± 2) °C, which is standard temperature for Indian climatic conditions.

1. **Internship report**

A student from HBTU inducted as Intern was assigned to review IS 10523:2014. During internship, literature was reviewed, visits to industry and laboratory were paid and information from industry was collected through questionnaire. Finding of the review will be presented during the meeting with a view to suitably incorporate in the standard.

BIS Secretariat referring to above mentioned that the intern has suggested incorporation of the requirements for Free fatty Acid (as oleic); parabens and phthalates, analytical methods such as ICP-MS, ICP-OES and alternate methods for determining free carbonated alkali.

The subcommittee agreed that alternate methods could enhance accuracy and may therefore be incorporated. Further, incorporation of parabens and phthalates should be avoided since soaps, being alkaline, already provide preservative properties.

1. **R&D Project**

Referring to **ToRs** that have been shared with the department concerned in BIS for taking further actions upon approval from CHD 25 for taking up this standard as an **R&D project**, the subcommittee noted that sufficient information and data is available for revision of the standard and Mr Mandar has volunteered for providing the draft document for revision of standard.

**Considering the above, the subcommittee requested Mr Mandar to provide the draft document in a month time and unanimously recommended to CHD 25 to drop this subject from the list of R&D projects.**

**During 42nd meeting, Mr Deepanshu Yadav, a HBTU student and BIS internal, presented his learnings and findings during the BIS internship programme.**

**The committee considered the above and decided as following:**

1. To accept the subcommittee’s recommendations regarding the comments from Mr Ritum Jain and accordingly, to reject those comments.
2. To express appreciation to BIS for offering an opportunity to students through the BIS Internship Programme, which allows them to gain practical experience in the industry and laboratories. The committee approved the internship report of Shri Deepanshu Yadav for revision of IS 10523:2014.
3. Mr Mandar from JNTL will provide to provide a draft document for revision of the standard. Thereafter, to circulate the draft document to committee members as P-draft for 21 days which will be issued into wide circulation for a period of 2 months under priority II, if no comments or comments of editorial nature are only received on the P-drafts. Technical comments will be referred to the concerned Panel for resolution and will thereafter be discussed in the committee.
4. To remove **IS 10523:2014 Baby Toilet Soap — Specification (First Revision)** from the list of R&D projects.
   1. The committee accepted the CHD25:SC 1’s recommendations regarding the comments from Mr Ritum Jain and accordingly, rejected the given comments:
      1. **IS 9985:1992 (Sodium Alkyl Benzene Sulphonate)**

The subcommittee considered the suggestion of Mr Ritum Jain and noted that the current version of the standard covers the powder and paste. The suggested types i.e. ‘flakes’ and ‘liquid’ are different physical forms. The liquid form and paste form are different in terms of the presence of active content whereas in case of Flakes and powder, there seems to be no change.

Considering the above and noting that Sodium Alkyl Benzene Sulphonate is predominantly used in the detergents, the subcommittee decided to refer these comments to CHD25:SC 2 for their consideration.

During 42nd meeting, the committee noted that paste and liquid are different in terms of presence of active content. Otherwise, there is no other changes. In case of Flakes and powder, there seems to be no change except the size of material. Considering these facts, the committee therefore rejected the comments.

* + 1. **IS 2888:2001 (Toilet Soap)**

Considering the suggestion for incorporation of limits for “free fatty acid” and noting the utility of free fatty acids in the soaps as mentioned for baby toilet soap specification i.e. IS 10523, the subcommittee decided that in case there are specific difficulties in implementation of the standard, these may be brought to the notice of the subcommittee by the proposer.

Considering these facts, the committee therefore rejected the comments.

* + 1. **IS 7532:2018 (Soft Soap)**

Considering the suggestion for incorporation of limits for “free fatty acid” and noting the utility of free fatty acids in the soaps as mentioned for baby toilet soap specification i.e. IS 10523, the subcommittee decided that in case there are specific difficulties in implementation of the standard, these may be brought to the notice of the subcommittee by the proposer.

Considering these facts, the committee therefore rejected the comments.

* 1. **Revision of Annex E to IS 12795: 2020 Liner Alkyl Benzene**

During 41st meeting, Dr Y S Jhala from Indian Oil Corporation Limited (IOCL) highlighted that a draft text for modifying the existing test method for determining the Chain-length distribution, based on UoP 698, had been shared after the 36th meeting. This test method may be amended in IS 12795:2020. The draft text for amending Annex E, received from Dr Y S Jhala, is given below:



During 25th meeting, CHD 25:SC 3 considered the draft document suggested by Dr Y S Jhala from Indian Oil Corporation Limited (IOCL) for modifying the existing test method for determining the Chain-length distribution based on the UoP 698. One of the members highlighted that reference has already been provided in IS 12795:2020 that UoP 698 may be used for determining the Chain-length distribution. In such a situation, it is not very clear as to why we need to reproduce the content of UoP 698. The subcommittee requested Mr Benny Jacob to speak Dr Jhala to have clarity on the issue so as a decision may be taken on the matter.

During 42nd meeting, the committee discussed the need of revision of Annex E to IS 12795:2020 Liner Alkyl Benzene and requested Dr Y. S. Jhala to consultant other manufacturers and provide a modified draft document along with sufficient data. Upon receipt of the content, the document will be issued into wide circulation for a period of 2 months under priority II.

# NEW SUBJECTS

* 1. The committee recalled that during 41st meeting, referring to the new subjects identified in the Strategic Roadmap Document, the following Working Groups were created to provide relevant working drafts on the subjects including methods of tests wherever required latest by 42nd meeting of CHD 25

1. **Liquid Laundry Detergent Capsules:**

Members:

* Shri Sivakumar from P&G — **Convenor**
* Shri Vikas Tiwari – ASSOCHAM
* Dr Manoj Gaur – M/s Godrej Consumer Products
* Smt. Seema Yadav – M/s HUL
* Ms Jasmin Kalra – M/s Reckitt

1. Life-cycle assessment of washing and cleaning products

Members:

* Shri Sivakumar from IHPCIA — **Convenor**
* Shri Vikas Tiwari – ASSOCHAM
* Dr Manoj Gaur – M/s Godrej Consumer Products
* Smt. Seema Yadav – M/s HUL
* Ms Jasmin Kalra – M/s Reckitt
* Shri Saurabh – M/s Nozozymes South Asia Private limited

1. Sustainable surface cleaner

Members:

* Prof. (Dr.) R. K. Trivedi — **Convenor**
* Shri Sivakumar – M/s P&G
* Dr Manoj Gaur – M/s Godrej Consumer Products
* Smt. Seema Yadav – M/s HUL
* Ms Jasmin Kalra – M/s Reckitt
* Shri Saurabh – M/s Nozozymes South Asia Private limited

During 27th meeting of CHD 25:SC2, the subcommittee noted the following:

* W.r.t. Liquid Laundry detergent capsules Dr Sivakumar mentioned that ISO is developing relevant test method standard and upon receipt of the draft finalized document further necessary actions will be initiated. Ms Seema Yadav mentioned that initial working draft will be shared by her shortly.
* W.r.t. Life cycle assessment of washing and cleaning products, the subcommittee noted that a half-day workshop is being organized along with CHD 25 meeting.

During 42nd meeting, a half-day workshop on “lifecycle assessment of soaps/ detergents’ was organized for committee members. During the Workshop, Dr Venugopal Vijayakrishnan, Chief Scientist & Head of Product Development, Personal Care Products Division highlighted the need of making products that are environmentally sustainable and ensure that the humans and plants remain safe. He mentioned that leading manufacturers are putting efforts to make their processes and products environment friendly. However, it is the responsibility of all to ensure that our plant remains safe for future generations. Dr P K S Yadav, Chairperson CHD 25, urged members to share their knowledge and expertise to formulate suitable standards to determine the effect of products and processes.

Mr. Bharatwaajan Balaji, Manager, Corporate Sustainability, ITC Limited while speaking on Life cycle Assessment’s Role in Product Sustainability shared the various efforts made by ITC to achieve product sustainability. He also through light on various aspects of life cycle assessment and challenges in generating reliable data.

Prof. Dr. Venkataraghavan R, Platform Leader, Clean Future, Home Care S&T, Unilever R&D Bangalore and Adjunct Professor, Center for Sustainable Technologies, Indian Institute of Science, Bangalore spoke on sustainable surfactants and highlighted the work done internationally in this area.

**Considering the above status, during 42nd meeting, the committee decided** as given below:

1. **Liquid Laundry Detergent Capsules:** upon receipt of the finalized document from ISO, it will be shared amongst the committee members for deciding further course of actions.
2. **Life-cycle assessment of washing and cleaning products:** Prof R. K. Trivedi will prepare draft Terms of reference for taking up this subject as an R&D project. The ToRs will be discussed in the next meeting for finalization.
3. **Sustainable surface cleaner:** Prof R. K. Trivedi will prepare draft Terms of reference for taking up this subject as an R&D project. The ToRs will be discussed in the next meeting for finalization.
   1. **Horizontal standard for soaps**

Ms. Priti from HUL presented a proposal to develop a horizontal standard for soaps, which she argues would promote innovation, enhance resource efficiency, and ensure consumer safety. She explained that the current standard, established in 1992, focuses heavily on total fatty matter (TFM), which no longer aligns with soap performance metrics due to scientific and technological advancements. Research indicates that while fatty matter contributes to the soap's structure, only specific components aid in cleansing, leading to substantial resource waste. This is particularly concerning as fatty matter, largely derived from vegetable oils such as palm oil, is a vital resource for food security and faces additional demand from the bioenergy sector. Ms. Priti highlighted that horizontal standards have been widely adopted in regions like the EU, ASEAN, and recently Arabia, advocating that similar modernization in India would align with BIS’s strategic roadmap.

However, some committee members raised concerns about the feasibility of such standards for MSMEs, which make up over 80% of the industry and may lack the technical expertise required for compliance. Members requested that HUL present scientific evidence to support its claims for further examination. The committee also noted that the industry may not yet be sufficiently prepared to adopt and implement this standard.

Following a thorough discussion, the committee resolved to continue the deliberation in the next meeting to reach a consensus on the proposal.

* 1. **Synthetic detergent-based hand wash**

On the proposal submitted by Mr Ritum Jain for development of a specification for Synthetic Detergent Based Hand Wash, the committee noted that this proposal seems to talking about powder concentrates which on dilution can be converted into liquid handwash. M.s Godrej Consumer Products Ltd has already been assigned to prepare a working draft for ‘Concentrates’. The committee therefore requested Dr Manoj Gaur to provide the initial working draft at the earliest and rejected the proposal of Mr Ritum Jain.

# DOCUMENTS UNDER WIDE CIRCULATION

* 1. **Amalgamation of IS 1061 and IS 10758 [earlier being discussed under the title CHD 25 (19008) Revision of IS 10758:1983 ‘De-ordourizing cum disinfectant fluids – specification’]**

During 36th meeting, the committee finalized a draft document for revising IS 10758:1983. However, BIS Secretariat raised certain observations during the document’ processing. To address these, CHD 25 SC 2 formed an expert panel to review the observations. The panel recommended amalgamation of IS 10758 and IS 1061, as both standards pertain to similar disinfectant fluids. The revised standard would retain essential elements from IS 10758, like requirements for mercury compound, stability, and odor persistence, and be titled "Disinfectant Fluids – Phenolic Type" to clarify its scope.

During 41st meeting, the committee endorsed the amalgamation and decided to circulate the draft to members for feedback within 15 days. It was also decided that unless adverse comments were received, the document would proceed for wider consultation (WC) for two months. As no comments were received, the draft [Doc No.: CHD 25 (26344) WC] was issued for WC.

Separately, a comment received on IS 1061:2017 concerning the sterilization temperature which was accepted and initially to be address through a standalone amendment. However, this change was incorporated directly into the draft document and therefore would not require further actions. The committee also agreed to hold a national seminar or webinar on the revised document in late September 2024 to consult relevant stakeholders. BIS was advised to take further necessary actions for organizing the event.

# FINALIZED DRAFT STANDARDS/AMENDMENTS UNDER PRINT

The committee noted that draft amendment to IS 7532:2018 ‘Soft Soap – specification’ finalized for publication is currently under print.

# REVIEW OF INDIAN STANDARDS

* 1. The committee took note of the information placed at 10.1 of Agenda regarding periodic review of Indian Standards to assess their continued suitability
  2. The committee took note of guidelines issued by BIS for review of Indian Standards Placed at 10.2 of Agenda.
  3. The committee reviewed the current status of Indian Standards that were/ are due for review in 2023-2024/ 2024-2025 and decided as given below:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **IS Number** | **IS Title** | **Due Date** | **Current status** | **Decision** |
|  | IS 286: 2018 | Methods of sampling and test for soaps (Second Revision) | Sept, 2023 | Though it is an indigenous Indian Standard, technical assistance was derived from relevant ISO Standards.  CHD25:SC3 allocated the standard to Ms Priti from HUL for review and recommendations.  During the 40th meeting of CHD 25, the committee considered the current status and noting that as per provisions of BIS Rules, the standard has to be reviewed periodically once in five years to determine the need for revision, amendment, reaffirmation or withdrawal, decided to reaffirm the standard.This standard has been reaffirmed.  During the 41st meeting, the committee considered the current status and requested Mrs Priti (HUL) to complete the review at the earliest preferably before 30th June 2024.  Inputs are still awaited. | The committee considered the current status and requested Mrs Priti (HUL) to complete the review within the stipulated time period. |
|  | IS 7597 : 2001 | Surface active agents - Glossary of terms (First Revision) | Feb, 2024 | In 28th meeting, CHD 25:SC 1 noted that the standard has been reaffirmed and BIS Secretariat is reviewing the document for possible revision incorporating the changes suggested by Dr Doss Jayaprakash. | The committee considered the current status and requested Dr Doss to complete the review within the stipulated time period. |
|  | IS 4955 : 2020 | Household Laundry Detergent Powders — Specification (Fifth Revision) | Mar, 2025 | CHD25:SC2 has allocated the standard to Shri Benny G Jacob from M/s Fena Private Limited for review and recommendations. | The committee considered the current status and requested Shri Benny G Jacob from M/s Fena Private Limited to complete the review within the stipulated time period. |
|  | IS 4956 : 2020 | Synthetic Detergents for Industrial Purposes — Specification (Third Revision) | Mar, 2025 | CHD25:SC2 has allocated the standard to Shri Pramod Sabat from M/s Galaxy Surfactants Limited for review and recommendations. | The committee considered the current status and requested Shri Pramod Sabat From M/s Galaxy Surfactants Limited to complete the review within the stipulated time period. |
|  | IS 8180 : 2020 | Household Laundry Detergent Bars — Specification (Third Revision) | Mar, 2025 | CHD25:SC2 has allocated the standard to Shri Benny G Jacob from M/s Fena Private Limited for review and recommendations. | The committee considered the current status and requested Shri Benny G Jacob from M/s Fena Private Limited to complete the review within the stipulated time period. |
|  | IS 9458 : 2020 | Synthetic Detergents for Washing Woollen and Silk Fabrics — Specification (Second Revision) | Mar, 2025 | CHD25:SC2 has allocated the standard to Shri Manoj Gour from M/s Godrej Consumer Products Limited for review and recommendations. | The committee considered the current status and requested Shri Manoj Gour from M/s Godrej Consumer Products Limited to complete the review within the stipulated time period. |
|  | IS 11479 (Part 2) : 2020 | Antibacterial Toilet Soap — Specification Part 2 Liquid (Second Revision) | Mar, 2025 | In 28th meeting, CHD 25:SC 1 considered the current status and that Dr Doss provided draft for the current version of the standard and requested Dr Manoj Gaur from Godrej to review the document and provide his recommendations latest by 31st October 2024. | The committee considered the current status and requested Shri Manoj Gour from M/s Godrej Consumer Products Limited to complete the review within the stipulated time period. |

## **RESEARCH PROJECTS TO BE TAKEN UP FOR INCLUSION OF EMPIRICAL DATA AND INSIGHT**

The committee took note of the information placed at 10.4 of Agenda regarding ToRs approved for the research projects for revision of the Standards and the revised guidelines for R&D projects.

Further, the committee considered the recommendation of CHD 25 SC a and decided to drop “revision of IS 10523:2014 **Baby Toilet Soap — Specification” from the list of R&D projects. For more details, kindly refer to 6.2 (d) of the minutes.**

The Committee may **DECIDE.**

### **Review of IS 1064: 2009 Scouring Products for Utensil Cleaning — Specification: reg**

The Committee considered the review report submitted by the intern from HBTU for the review of IS 1064: 2009 and decided to refer it to the concerned panel (earlier subcommittee) for further review and recommendations

Furthermore, the committee appreciated the efforts put-in by the interns in the review of the standards.

### **Review of IS 12767: 1989 Liquid Soap for Cleaning Painted Surfaces: reg**

The Committee considered the review report submitted by the intern from ICT for the review of IS 12767: 1989 and decided to refer it to the concerned panels (earlier subcommittees) for further review and recommendations

Furthermore, the committee appreciated the efforts put-in by the interns in the review of the standards*.*

# INTERNATIONAL ACTIVITIES

* 1. The committee took note of the information placed at 11.1 of Agenda regarding responsibilities of ‘P’ members
  2. The committee took note of the information placed at 11.2 of Agenda regarding current membership of BIS on ISO TC 91 i.e. ‘P’- membership
  3. The committee took note of the information placed at 11.3 of Agenda regarding the current process of circulation of ISO documents and ballots.
  4. **Ballots at ISO/TC 91**

The committee considered the information placed at 11.4 of Agenda and as given below for the ISO ballots and endorsed the ballots cast by BIS Secretariat in consultation with the Chairperson:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl No.** | **Type** | **Reference** | **End date** | **Status & Vote** |
|  | CIB | Call for experts ISO TC 91/AHG1 Long-term strategy including | 2024-04-08 | Closed & approved  Nominated the following experts:  Shri Sanjay Trivedi - [strivedi@trivedigroupe.com](mailto:strivedi@trivedigroupe.com)  Prof Dr R K Trivedi - [rakeshtrivedi@hotmail.com](mailto:rakeshtrivedi@hotmail.com) |
|  | CIB | Nomination of new Convenor of AHG1 | 2024-06-13 | Closed & Approved  **In the 41st meeting**, the committee considered the ballot and advised BIS Secretariat to explore possibilities of nominating an Indian expert for the AHG 1 convenor position. In consultation with BIS management, it was decided to approve the nomination of new convenor. |
|  | SR | ISO 304:1985 (Ed 2, vers 8)  Surface active agents — Determination of surface tension by drawing up liquid films | 2024-09-02 | Closed & Abstain |
|  | SR | ISO 696:1975 (vers 8)  Surface active agents — Measurement of foaming power — Modified Ross-Miles method | 2024-09-02 | Closed & Approved  **Note—**This is a test method standard for Measurement of foaming power — Modified Ross-Miles method. BIS has taken assistance from this international standard in Method B of **IS IS 5785 (Part 3): 1970** 'Methods for performance tests for surface active agents: Part 3 foaming power'. This standard is under revision. |
|  | SR | ISO 4316:1977 (vers 7)  Surface active agents — Determination of pH of aqueous solutions — Potentiometric method | 2024-09-02 | Closed & Revise/ Amend  \*Please find below the comment received from HUL on ISO 4316 : 1977 (vers 7) for committee reference:    Comments of Iran, Islamic Republic of (INSO) |
|  | SR | ISO 4318:1989 (Ed 2, vers 7)  Surface active agents and soaps — Determination of water content — Azeotropic distillation method | 2024-09-02 | Closed & Revise/ Amend  \*Please find below the comment received from HUL on ISO 4318: 1989 (Ed 2, vers 7) for committee reference:    India was the only country that voted on this ballot. |
|  | SR | ISO 4319:1977  Surface active agents — Detergents for washing fabrics — Guide for comparative testing of performance | 2024-09-02 | Closed & Approved  **Note —**This is a test method standard for Detergents for washing fabrics — Guide for comparative testing of performance. BIS has adopted this standard identically under dual numbering as **IS 16151: 2015/ ISO 4319: 1977** *Surface active agents — Detergents for washing fabrics — Guide for comparative testing of performance.* |
|  | SR | ISO 4320:1977  Non-ionic surface active agents — Determination of cloud point index — Volumetric method | 2024-09-02 | Closed & Revise/ Amend  \*Please find below the comment received from HUL on ISO 4320:1977 for committee reference:    India was the only country that voted on this ballot. |
|  | SR | ISO 4322:1977  Non-ionic surface active agents — Determination of sulphated ash — Gravimetric method | 2024-09-02 | Closed & Revise/ Amend  \*Please find below the comment received from ITC on ISO 4322:1977 for committee reference:    India was the only country that voted on this ballot. |
|  | SR | ISO 4324:1977  Surface active agents — Powders and granules — Measurement of the angle of repose | 2024-09-02 | Closed & Abstain |
|  | SR | ISO 4326:1980  Non-ionic surface active agents — Polyethoxylated derivatives — Determination of hydroxyl value — Acetic anhydride method | 2024-09-02 | Closed & Abstain |
|  | SR | ISO 4327:1979  Non-ionic surface active agents — Polyalkoxylated derivatives — Determination of hydroxyl value — Phthalic anhydride method | 2024-09-02 | Closed & Abstain |
|  | SR | ISO 6121:1988  Surface active agents — Technical alkane sulfonates — Determination of alkane monosulfonates content by direct two-phase titration | 2024-09-02 | Closed & Revise/ Amend  \*Please find below the comment received from HUL on ISO 6121:1988 for committee reference:    India was the only country that voted on this ballot. |
|  | SR | ISO 6122:1978  Surface active agents — Technical alkane sulphonates — Determination of total alkane sulphonates content | 2024-09-02 | Closed & Abstain |
|  | SR | ISO 6384:1981  Surface active agents — Technical ethoxylated fatty amines — Methods of analysis | 2024-09-02 | Closed & Abstain |
|  | SR | ISO 6387:1983  Surface active agents — Determination of the power to disperse calcium soap — Acidimetric method (Modified Schoenfeldt method) | 2024-09-02 | Closed & Revise/ Amend  \*Please find below the comment received from HUL and IHPCIA on ISO 6387:1983 for committee reference:    India was the only country that voted on this ballot. |
|  | SR | ISO 6388:1989  Surface active agents — Determination of flow properties using a rotational viscometer | 2024-09-02 | Closed & Abstain |
|  | SR | ISO 6835:1981  Surface active agents — Washing powders — Determination of total boron content — Titrimetric method | 2024-09-02 | Closed & Abstain |
|  | SR | ISO 6836:1983 (vers 7)  Surface active agents — Mercerizing agents — Evaluation of the activity of wetting products for mercerization by determination of the shrinkage rate of cotton | 2024-09-02 | Closed & Abstain |
|  | SR | ISO 6837:1982 (vers 8)  Surface active agents — Water dispersing power in dry cleaning solvents | 2024-09-02 | Closed & Abstain |
|  | SR | ISO 6839:1982 (vers 8)  Anionic surface active agents — Determination of solubility in water | 2024-09-02 | Closed & Abstain |
|  | SR | ISO 6840:1982 (vers 8)  Cationic surface active agents (Hydrochlorides and hydrobromides) — Determination of critical micellization concentration — Method by measurement of counter ion activity | 2024-09-02 | Closed & Abstain |
|  | SR | ISO 6841:1988 (Ed 2, vers 7)  Surface active agents — Technical straight-chain sodium alkylbenzenesulfonates — Determination of mean relative molecular mass by gas-liquid chromatography | 2024-09-02 | Closed & Abstain |
|  | SR | ISO 6842:1989 (Ed 2, vers 7)  Surface active agents — Sulfated ethoxylated alcohols and alkylphenols — Determination of total active matter content | 2024-09-02 | Closed & Abstain |
|  | SR | ISO 6843:1988 (vers 7)  Surface active agents — Sulfated ethoxylated alcohols and alkylphenols — Estimation of the mean relative molecular mass | 2024-09-02 | Closed & Abstain |
|  | SR | ISO 6844:1983 (vers 8)  Surface active agents — Determination of mineral sulfate content — Titrimetric method | 2024-09-02 | Closed & Abstain |
|  | SR | ISO 6845:1989 (Ed 2, vers 7)  Surface active agents — Technical alkane sulfonates — Determination of the mean relative molecular mass of the alkane monosulfonates and the alkane monosulfonate content | 2024-09-02 | Closed & Abstain |
|  | SR | ISO 6889:1986 (Ed 2, vers 7)  Surface active agents — Determination of interfacial tension by drawing up liquid films | 2024-09-02 | Closed & Abstain |
|  | SR | ISO 7535:1984 (vers 8)  Surface active agents — Detergents for domestic machine dishwashing — Guide for comparative testing of performance | 2024-09-02 | Closed & Approved    **Note —** This is a test method standard for Detergents for domestic machine dishwashing — Guide for comparative testing of performance. BIS has adopted this standard identically under dual numbering as **IS 16152: 2014/ ISO 7535: 1984** *Surface Active Agents — Detergents for Domestic Machine Dishwashing — Guide for Comparative Testing of Performance.* |
|  | SR | ISO 8212:1986 (vers 7)  Soaps and detergents — Techniques of sampling during manufacture | 2024-09-02 | Closed & Abstain |
|  | SR | ISO 8214:1985 (vers 8)  Surface active agents — Washing powders — Determination of inorganic sulfates — Gravimetric method | 2024-09-02 | Closed & Revise/ Amend  \*Please find below the comment received from ITC on ISO 8214:1985 (vers 8) for committee reference:    India was the only country that voted on this ballot. |
|  | SR | ISO 8215:1985 (vers 8)  Surface active agents — Washing powders — Determination of total silica content — Gravimetric method | 2024-09-02 | Closed & Revise/ Amend  \*Please find below the comment received from ITC on ISO 8215:1985 (vers 8) for committee reference:    Comments of Iran, Islamic Republic of (INSO) |
|  | SR | ISO 9101:1987 (vers 7)  Surface active agents — Determination of interfacial tension — Drop volume method | 2024-09-02 | Closed & Abstain |
|  | SR | ISO 17293-1:2014 (vers 2)  Surface active agents — Determination of chloroacetic acid (chloroacetate) in surfactants — Part 1: HPLC method | 2024-09-02 | Closed & Revise/ Amend  **Note —** This is a test method standard for Determination of chloroacetic acid (chloroacetate) in surfactants — Part 1: HPLC method. BIS has adopted this standard identically under dual numbering as **IS 16896 (Part 1): 2018/ ISO 17293-1**: 2014 *Surface active agents - Determination of chloroacetic acid (Chloroacetate) in surfactants: Part 1 HPLC method.*  \*Please find below the comment received from IHPCIA on ISO 17293-1:2014 (vers 2) for committee reference:    Comments of Iran, Islamic Republic of (INSO) |
|  | SR | ISO 17293-2:2014 (vers 2)  Surface active agents — Determination of chloroacetic acid (chloroacetate) in surfactants — Part 2: Ionic chromatographic method | 2024-09-02 | Closed & Revise/ Amend  **Note —** This is a test method standard for Determination of chloroacetic acid (chloroacetate) in surfactants — Part 2: Ionic chromatographic method. BIS has adopted this standard identically under dual numbering as **IS 16896 (Part 2): 2018/ ISO 17293-2**: 2014 *Surface active agents - Determination of chloroacetic acid (Chloroacetate) in surfactants: Part 2 ionic chromatographic method.*  \*Please find below the comment received from HUL on ISO 17293-2:2014 (vers 2) for committee reference:    India was the only country that voted on this ballot. |
|  | SR | ISO 21264:2019  Surface active agents — Detergents — Determination of alkylphenol ethoxylates | 2024-09-02 | Closed & Revise/ Amend  \*Please find below the comment received from ITC on ISO 21264:2019 for committee reference:    Proposed revision/ amendment to standard based on comments received from ITC to revise the calculation given at 8.1 as follow:  Regression linearity equation (concentration of standard in ppm Vs Area of standard) to be included in the calculation as a simple understanding approach  Y = mX+C  Y – area of sample solution  m - slope  C – Constant  Alkyl phenol ethoxylates content (ppm) = X content from the regression equation x sample dilution in mL / weight of sample in gram  Comments of Iran, Islamic Republic of (INSO) |
|  | CIB | ISO 21703 Revision | 2024-09-23 | In 41st meeting, the committee endorsed the response to systematic review of ISO 21703:2019 Surface active agents — Microbiology — Microbiological test methods for liquid hand dishwashing which were prepared in consultation with Godrej, HUL, ITC, and P&G, as given below:    Noting that BIS (India) in the only country which has commented on the document, the committee decided that Smt. Rupinder Kaur will be nominated as Project Leader in case the standard is taken up for revision.  ISO TC 91 has now launched a CIB ballot for revision of ISO 21703:2019 and requested members to nominate experts for revision of the standard. A two-third majority votes and experts from 5 P-member countries those are approving the revision are required for taking up revision.  We have proposed name of Smt. Rupinder Kaur name as Project Leader for the project.  We should also nominate an expert who can project Indian interest on the subject. |

The committee endorsed the responses to ISO ballots and appreciated the active and efficacious contribution of the committee members on ISO ballots. The committee also authorizes BIS Secretariat in consultation with the Chairperson to identify project leaders/ experts for leading/ contribution at ISO level on these ballots, if ISO decides to take these subjects up for revision.

Noting that the committee had approved nomination of Mrs Rupinder Kaur Rawat for the project leader in case ISO takes up revision of ISO 21703:2019 Surface active agents – Microbiology – Microbiological test methods for liquid hand dishwashing and that a committee internal ballot has been launched by ISO TC 91 for deciding whether to take up the revision, the committee endorses BIS Secretariat response to CIB ballot.

* 1. **Meetings of ISO/TC 91**

The committee took note of the information placed at 11.5 of Agenda that as per ISO website, no meeting of ISO/ TC 91 is planned, as of now.

* 1. **Participation in ISO Committees/ WGs**

The committee considered the information placed at 11.6 of Agenda regarding experts nominated in main committee and various working groups of ISO TC 91.

* 1. **Comments on ISO standards:**

**Ms Priti from HUL has reviewed certain ISO standards and shared the following comments:**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No. | ISO Standard | Standard Title | Comments |
|  | ISO 685\_2020 | Analysis of soaps: Determination  of total alkali | Foreword  If the soap colour interferes with the methyl orange end-point, a pH meter can be used to indicate the end point (pH value 3,1 to 4.4, maintain 10 s) during titration.  Technical comment: Exact pH value needs to be mentioned i.e. pH 3.8 to be able to get an exact end point. Currently pH value in range is mentioned which is vague.    5. Reagents  5.2 Light petroleum - Technical comment: Add ? or Diethyl ether?  BIS Spec IS 286 allows Diethyl ether. we should mention this as an option in ISO too.    8.3.1 After ??and add 100ml Light petroleum? add ?or 100ml of diethyl ether? as mentioned in BIS spec IS 286.    8.3.2 ?pH value 3.1 -4.4 is vague. Insert exact pH for determining end point should be added for correct results.    9.2.2 ??not differ by more than 0.2% from value of percent mass?? Technical comment: Revise to ??not differ by more than 0.5%...?  Justification: 0.2% will be a very stringent limit since the variability of the number will be higher for higher TFM value. Hence this limit should be increased to +/-0.5% minimum |
|  | ISO 4323\_2018   Second edition  2018-12 | Soaps ? Determination of chloride content ? Potentiometric method | 8.2 Calibration of the silver nitrate solution    After acidification by the 5 ml nitric acid solution ? Editorial comment: Add ?5ml? before nitric acid. *Exact quantity of nitric acid is mentioned in 8.3.1. hence the same should be replicated here.*  Replace? Maintain? by ?Maintaining? ? *Typo Error*  Delete ?(such as fatty acid)? - *Since section 8.2 pertains to calibration of silver nitrate solution, mention of  ?interference of other anionic ions like Fatty acid? is irrelevant. hence should be deleted.* |
|  | ISO 4325\_1990  Second edition  1990-04-15 | Soaps and detergents - Determination of  chelating agent content - Titrimetric method | 7.2 Determination    Revise ??until the pH is 4,6 -+ 0,5.? ? to ??until the pH is 4.6-+0.05? ? *Typo error*  Margin of error 0.5 is incorrect since the pH mentioned in the principle is 4.65 hence the margin of error should be revised from 0.5 to 0.05.    Technical comment: the current change is not considered the pH will change to 5.1, which is not aligned to the pH mentioned in principle as 4.65 |
|  | ISO 672\_1978 | Soaps - Determination of moisture and volatile matter  content - Oven method | 6. Sampling  The laboratory samples of soaps shall be prepared and  stored according to the instructions given in IS0 . . .    Editorial comment: ISO sampling standard number to be included as a reference. Currently this is missing in the standard.    7 Test procedure  7.1 Weigh, to the nearest 0,01 g, about 10 g of the laboratory  sample. (In the case of soap bars, cut it into small pieces.)    Technical comment: Cutting a soap bar into small pieces will not give a uniform measure. Ideally this should be replaced with? (in case of soap bars, grate it with a cheese grater)? for accuracy purposes. This is also specified in the other related soap bar standards. |
|  | ISO 673\_1981 | Soaps - Determination of content of ethanol-insoluble  matter | 4 Reagent  4.1 Ethanol, 95 % (V/V).    Technical comment: Before addition of Ethanol 95% (v/v), this should be   neutralized with the ethanolic potassium hydroxide solution in the presence of 4 drops of the phenolphthalein solution.  Justification: The above procedure is done to neutralize acidity present in ethanol which may interfere in the measurement of total ethanol-insoluble matter. if the ethanol is acidic then it will neutralize the alkali and give lower reading.    8.2 Reproducibility  The difference between the results obtained on the same sample  in two different laboratories shall not exceed 0,05 %for contents of ethanol-insoluble?  Technical Comment: It is recommended to revise this limit to +/- 5% of the target value.  Justification: The limit of 0.05% is very stringent as it is very difficult to achieve such a stringent acceptance criterion when wet chemistry methods are used. |

The Committee considered the comments received from Ms Priti, HUL on ISO 672:1978, ISO 673:1981, ISO 685:2020, ISO 4323:2018 and ISO 4325:1990; and requests members to provide their recommendations/ inputs on the comments. The committee advises to convene a separate meeting to discuss comments on these documents and to frame Indian viewpoints.

The committee also encourages all members to review other ISO standards and suggests modification/ corrections required, if any*.*

# ISSUES ARISING OUT OF PREVIOUS MEETINGS

* 1. In 41st meeting, it emerged that some of the standards might no longer be relevant due to redundancy of products or testing methods. The committee therefore requested subcommittees to thoroughly review the standards within their scope and report back in the next meeting regarding:

1. The relevancy of the standards; and
2. Ensuring that there is no overlap on the scope of the standards.

The objective of the exercise is to identify standard that need to be either withdrawn or amalgamated.

1. Soap related standards under CHD 25 and their status w.r.t. harmonization with relevant ISO standards:



1. Detergents related standards under CHD 25 and their status w.r.t. harmonization with relevant Indian Standards:



1. **Test methods standards under** CHD 25 and their status w.r.t. harmonization with relevant Indian Standards:



1. ISO standards and their status whether they have adopted as Indian Standards:



BIS Secretariat mentioned that the above lists highlight the following:

1. Review and align indigenous Indian Standards with ISO Standards:

* Indian Standards that are created domestically (Indigenous standards) needs to be reviewed for potential alignment with International Standards (ISO).
* If ISO does not have standards on the specific subject, the Indian Standards should be reviewed to ensure they are up-to-date, covering alternate test methods, if any.

1. Adoption of ISO TC 91 Standards by BIS:

* BIS has already adopted a number of standards developed by relevant ISO Technical Committee i.e. ISO TC 91 identically.
* Some ISO standards have not yet been adopted by BIS.
* These non-adopted ISO standards need to be examined for possible adoption as Indian Standards.

If there are technical reasons or existing Indigenous Indian Standards that make adoption unnecessary, these reasons should be clearly identified and documented

BIS Secretariat mentioned that as ISO predominantly formulates test methods standards, therefore all the product standards relating to soaps are indigenous Indian Standards. However, it is required to review relevant Indian Standards for their relevancy to avoid their redundancy or duplication.

Members were encouraged to examine the subjects and provide their inputs/ comments on areas where standardization is required.

The subcommittee requested members to identify subjects of their interest for review and communicate this to BIS Secretariat in next 15 days.

The committee noted that inputs/ comments on ISO standards are yet to be received except for those are mentioned at 11.7.

1. **INDIAN STANDARDS/AMENDMENTS PUBLISHED SINCE LAST MEETING**

The committee took note of the information placed at 13 of Agenda regarding Indian Standard/ Amendment Published since last meeting.

# ANNUAL CALENDAR FOR TECHNICAL COMMITTEE MEETINGS

During the 42nd meeting, the committee decided the following next meeting:

1. *43rd meeting – 5th December 2024 IIT Jammu (Host) [Hybrid]*
2. *44th meeting – 26th February 2025 BIS Manak Bhawan, New Delhi [Physical]*

*The committee also decided to hold a half-day workshop/ webinar on ‘Recent innovations in the soaps and detergents’ along with the 43rd meeting of CHD 25 at IIT, Jammu.*

*The committee nominates Prof (Dr.) R. K. Trivedi as one of the speakers and requests ASSOCHAM and GODREJ Consumers Products Limited to nominate speakers for the workshop.*

# VOTE OF THANKS

With no other issues to discuss, the meeting ended with a warm vote of thanks to ITC, Bengaluru for excellent arrangements for the meeting and to the Chairperson for his exceptional leadership during the discussions.

**Annex I**

**SCOPE and COMPOSITION of SOAPS, DETERGENTS AND SURFACE ACTIVE AGENTS**

**SECTIONAL COMMITTEE, CHD 25**

**SCOPE:**

1. *To formulate Indian Standards for terminology, methods of sampling and test and specifications for soaps; other surface active agents including non-soapy detergents, wetting agents, emulsifying agents, Bio surfactants’ including formulated and speciality products and glycerine;*
2. *b) To co-ordinate with the work of ISO/TC 91 Surface Active Agents*

**Liaison:**

1. ISO TC 91 — Surface Active Agents — Principle (P)

**Details of Last Three Meetings:**

|  |  |  |
| --- | --- | --- |
| **Meeting** | **Date** | **Place** |
| **42nd** | 04-09-2024 | 3, 1st Main Rd, 1st Stage, Phase -1, Peenya, Bengaluru |
| **41st** | 11-06-2024 | Hybrid Meeting (HBTU, Kanpur , Kanpur, Uttar Pradesh, India) |
| **40th** | 06-03-2024 | Physical Meeting (BIS Manak Bhawan, New Delhi) |

**Chairperson:** Prof. (Dr.)P.K.S. Yadav, HoD, Oil Technology, School of Chemical Technology,

Harcourt Butler Technical University (Kanpur)

**Mobile No.:** 9415485447

**Email Address:** [hodot@hbtu.ac.in](mailto:hodot@hbtu.ac.in)

***COMPOSITION***

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.**  **No.** | **Name of the Organization** | **Principal/Alternate**  **Member** | **Member Email / Member Alternate Email** | **Mobile No.** | **Meeting Attended** | | | |
| **40th** | **41st** | **42nd** | **Total** |
|  | Associated Chambers of Commerce and Industry of India, New Delhi | Mr. Vikas Tiwari (P) | [vikas8.tiwari@ril.com](mailto:vikas8.tiwari@ril.com) | 9820634758 | **C/P** | **P** | **P** | **3/3** |
| Mr. Sandeep Kumar Jain (A) | [sandeep.jain@assocham.com](mailto:sandeep.jain@assocham.com) | 9873256686 |
|  | Bengal Soaps and Detergents Manufacturers Welfare Association, Kolkata | Mr. Ritum Jain (P) | [ritumjain@gmail.com](mailto:ritumjain@gmail.com) | 9831251774 | **C** | **P** | **P** | **2/2** |
| Mr. Nitin Agarwal (A) | [nitin.smpl03@gmail.com](mailto:nitin.smpl03@gmail.com) | 9830201472 |
|  | Central Drugs Standard Control Organization, New Delhi | Ms. L. Suganthi (P) | [di.suganthi@cdsco.nic.in](mailto:di.suganthi@cdsco.nic.in) | 9500147391 | **P** | **P** | **P** | **3/3** |
| Ms. D. Hemalatha (A) | [hemalatha.d06@cdsco.nic.in](mailto:hemalatha.d06@cdsco.nic.in) | 9962372042 |
|  | Central Pollution Control Board, New Delhi | Shri Dinabandhu Gouda (P) | [dinabandhu.cpcb@nic.in](mailto:dinabandhu.cpcb@nic.in) | 9868143169 | **P** | **P** | **P** | **3/3** |
| Shri Vishal Gandhi (A) | [vishalgandhi.cpcb@nic.in](mailto:vishalgandhi.cpcb@nic.in) | 9891254423 |
|  | Consumer Guidance Society of India, Mumbai | Dr. Sitaram Dixit (P) | [sitaram.dixit@gmail.com](mailto:sitaram.dixit@gmail.com)  [cgsibom@gmail.com](mailto:cgsibom@gmail.com) | 9967607095 | **A** | **P** | **P** | **2/3** |
| Dr. M. S. Kamath (A) | [dr.m.s.kamath@gmail.com](mailto:dr.m.s.kamath@gmail.com) | 9820455858 |
|  | Consumer Voice, New Delhi | Shri M. A. U. Khan (P) | [mauk010144@gmail.com](mailto:mauk010144@gmail.com)  [cpt@consumer-voice.org](mailto:cpt@consumer-voice.org) | 9810561495 | **P** | **P** | **P** | **3/3** |
| Dr. Rajiv Jha (A) | [jrajiv08@gmail.com](mailto:jrajiv08@gmail.com) | 9911589301 |
| Mr. H. Wadhwa (A) | [hswadhwa@gmail.com](mailto:hswadhwa@gmail.com) | 9873478225 |
|  | Dabur India Limited, Sahibabad | Shri Ashish Kumar Dixit (P) | [ashish.dixit@dabur.com](mailto:ashish.dixit@dabur.com) | 9891589059 | **P** | **P** | **P** | **3/3** |
| Shri Neeraj Kumar Gupta (A) | [suryaji.jadhav@dabur.com](mailto:suryaji.jadhav@dabur.com) | 7738305484 |
|  | Directorate General of Quality Assurance, CQA(Textiles and Clothing), Kanpur | Mr. A K Patra (P) | [ak.patra123@gov.in](mailto:ak.patra123@gov.in) | 9818959198 | **C** | **P** | **P** | **2/2** |
| Mr. S K Pandey (A) | cqamknp-dgqa@nic.in | 8052427002 |
|  | FASSSDMI, Delhi | Shri Aseem Galhotra (P) | [agalhotra@hotmail.com](mailto:agalhotra@hotmail.com) | 9810057777 | **P** | **P** | **P** | **3/3** |
|  | Fena Private Limited, New Delhi | Shri Dalip Jolly (P) | [dalipjolly@fena.com](mailto:dalipjolly@fena.com)  [director@fena.com](mailto:director@fena.com) | 9810001647 | **L** | **P** | **P** | **2/2** |
| Shri Benny G Jacob (A) | [bennyjacob@fena.com](mailto:bennyjacob@fena.com) | 9891970595 |
|  | Godrej Consumer Products Limited, Mumbai | Shri Rupinder Kaur Rawat (P) | [rm.rawat@godrejcp.com](mailto:rm.rawat@godrejcp.com) | 9820778282 | **P** | **P** | **P** | **3/3** |
| Dr. Manoj Gaur (A) | [manoj.gaur@godrejcp.com](mailto:manoj.gaur@godrejcp.com) | 9899621771 |
|  | Harcourt Butler Technical University, Kanpur | Mr. Gaurav Singh (P) | [hbtugs@gmail.com](mailto:hbtugs@gmail.com) | 6307405122 | **A** | **P** | **P** | **2/3** |
| Mr. Sanjay Kumar Singh (A) | [sanjay.s@hbtu.ac.in](mailto:sanjay.s@hbtu.ac.in) | 9721232158 |
|  | Hindustan Unilever Limited, Mumbai | Smt. Priti Chodankar (P) | [priti.Chodankar@unilever.com](mailto:priti.Chodankar@unilever.com) | 8879674229 | **P** | **P** | **P** | **3/3** |
| Smt. Seema Yadav (A) | [Seema.Yadav@unilever.com](mailto:Seema.Yadav@unilever.com) | 7400153454 |
|  | ITC Limited, Kolkata | Dr. Doss Jayaprakash (P) | [Doss.Jayaprakash@itc.in](mailto:Doss.Jayaprakash@itc.in)  [ibhamum@gmail.com](mailto:ibhamum@gmail.com) | 8951387830 | **P** | **P** | **P** | **3/3** |
| Dr. Guru Prasad K V (A) | [guruprasad.kv@itc.in](mailto:guruprasad.kv@itc.in) | 8904233272 |
|  | Indian Home and Personal Care Industry Association, Mumbai | Dr. A. Sivakumar (P) | [sivakumar12465@gmail.com](mailto:sivakumar12465@gmail.com) | 9820952190 | **P** | **P** | **P** | **3/3** |
| Mr. Sanjay N Trivedi (A) | [strivedi@trivedigroupe.com](mailto:strivedi@trivedigroupe.com) | 9820127231 |
|  | Indian Institute of Technology Jammu, Jammu | Prof. (Dr.) Aushtosh Yadav (P) | [ashutosh.yadav@iitjammu.ac.in](mailto:ashutosh.yadav@iitjammu.ac.in) | 9891278776 | **L** | **P** | **-** | **1/2** |
|  | Indian Oil Corporation Limited, Mumbai | Shri Y S Jhala (P) | [jhalays@indianoil.in](mailto:JHALAYS@INDIANOIL.IN) | 8153955545 | **A** | **P** | **P** | **2/3** |
| Dr. Mehul P Bhatt (A) | BHATTMEHULP@INDIANOIL.IN | 9761832909 |
|  | Institute of Chemical Technology, Mumbai | Prof. (Dr.) Amit P. Pratap (P) | [amitpratap2001@gmail.com](mailto:amitpratap2001@gmail.com) | 9930040853 | **P** | **P** | **P** | **3/3** |
| Prof. R.D. Kulkarni (A) | [rd.kulkarni@ictmumbai.edu.in](mailto:rd.kulkarni@ictmumbai.edu.in)  [ap.pratap@ictmumbai.edu.in](mailto:ap.pratap@ictmumbai.edu.in) | 9404366700 |
|  | Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon | Dr. Pawan Devidas Meshram (P) | [pawan.dm@gmail.com](mailto:pawan.dm@gmail.com) | 8087276922 | **A** | **A** | **A** | **0/3** |
|  | Micro, Small and Medium Enterprises, Testing Centre, Mumbai | Shri Manoj Kumar Vats (P) | [mk.vats@nic.in](mailto:mk.vats@nic.in) | 8587030740 | **A** | **P** | **P** | **2/3** |
| Shri Vipul Gaikwad (A) | [vv.gaikwad@gov.in](mailto:vv.gaikwad@gov.in) | 9604777377 |
|  | National Test House, Kolkata | Dr. Amarnath Chakraborty (P) | [amarnath@nth.gov.in](mailto:amarnath@nth.gov.in) | 9433258170 | **P** | **P** | **P** | **3/3** |
| Shri Vinod Kumar Amirchand Ram (A) | [vinodkumar@nth.gov.in](mailto:vinodkumar@nth.gov.in) | 8013090509 |
|  | Novozymes South Asia Private Limited, Mumbai | Dr. Vasudheva Reddy (P) | [vra@novozymes.com](mailto:vra@novozymes.com) | 9513325551 | **P** | **P** | **P** | **3/3** |
| Shri Saurabh Arun Srivastava (A) | [svaa@novozymes.com](mailto:svaa@novozymes.com) | 8069033000,  7860478687 |
|  | Procter and Gamble India, Mumbai | Shri Girish Parhate (P) | [parhate.g@pg.com](mailto:parhate.g@pg.com) | 8639718696 | **P** | **P** | **P** | **3/3** |
| Shri Sivakumar Thanigachalam (A) | [thanigachalam.s@pg.com](mailto:thanigachalam.s@pg.com) | 9894613191 |
|  | Reckitt Benckiser India Private Limited, Mumbai | Shri Gaurav Sharma (P) | [gaurav.sharma2@reckitt.com](mailto:gaurav.sharma2@reckitt.com) | 8527595540 | **P** | **P** | **P** | **3/3** |
| Smt. Jasmin Kalra (A) | [jasmin.kalra@rb.com](mailto:jasmin.kalra@rb.com) | 9560955677 |
| Shri Anoop Mishra (A) | [anoop.mishra@rb.com](mailto:anoop.mishra@rb.com) | 9910106097 |
|  | In Personal Capacity | Prof. (Dr.) R K Trivedi | [rakeshtrivedi@hotmail.com](mailto:rakeshtrivedi@hotmail.com) | 9415044271 | **P** | **P** | **P** | **3/3** |

**Note: A - Absent, P - Present, C - Co-opted, WD – Withdrawn & L – Leave**

***ALL Panels under CHD 25***

**Panel — CHD 25: P 1**

* **Scope —** *To formulate /review /revise Indian standards for soaps, other allied products and raw materials therein*

**Term:** One Year

**Convenor: Dr. Doss Jayaprakash,** *Principal Scientist, ITC Limited, Kolkata*

**Mobile No.: 8951387830**

**Email Address:** [Doss.Jayaprakash@itc.in](mailto:Doss.Jayaprakash@itc.in)

**Composition:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SL. No.** | **NAME OF THE ORGANIZATION** | **PRINCIPAL/ALTERNATE**  **MEMBER** | **MEMBER EMAIL / MEMBER ALTERNATE EMAIL** | **MOBILE NO.** | **MEETING ATTENDED** | | | |
| **25th** | **26th** | **27th** | **Total** |
|  | CSIR - Indian Institute of Toxicology Research, Lucknow | Dr. Akshay Dwarakanath | [akshay.dwarakanath@iitr.res.in](mailto:akshay.dwarakanath@iitr.res.in) | 8127555500 | **P** | **P** | **L** | **2/2** |
|  | Directorate General of Quality Assurance, Ministry of Defence, Kanpur | Shri A K Patra | [ak.patra123@gov.in](mailto:ak.patra123@gov.in)  [cqamknp-dgqa@nic.in](mailto:cqamknp-dgqa@nic.in) | 9818959198 | **P** | **P** | **L** | **2/2** |
| Dr. S K Pandey (A) | [cqamknp-dgqa@nic.in](mailto:cqamknp-dgqa@nic.in)  [Santoshk.pandey73@gov.in](mailto:Santoshk.pandey73@gov.in) | 8765567007  8052427002 |
|  | FASSSDMI, Delhi | Shri Aseem Galhotra | [agalhotra@hotmail.com](mailto:agalhotra@hotmail.com) | 9810057777 | **P** | **P** | **P** | **3/3** |
|  | Galaxy Surfactants Limited, Mumbai | Shri Sagar Trailokya | [sagar.trailokya@galaxysurfactants.com](mailto:sagar.trailokya@galaxysurfactants.com) | 9867673376 | **P** | **P** | **P** | **3/3** |
| Shri Pramod Sabat (YP) | [pramod.sabat@galaxysurfactants.com](mailto:pramod.sabat@galaxysurfactants.com) | 7738153820 |
|  | Godrej Consumer Products Limited, Mumbai | Smt. Rupinder Kaur Rawat | [rm.rawat@godrejcp.com](mailto:rm.rawat@godrejcp.com) | 9820778282 | **P** | **P** | **P** | **3/3** |
| Dr. Manoj Gaur (A) | [manoj.gaur@godrejcp.com](mailto:manoj.gaur@godrejcp.com) | 9899621771 |
|  | Harcourt Butler Technical University, Kanpur | Mr. Gaurav Singh | [hbtugs@gmail.com](mailto:hbtugs@gmail.com) | 6307405122 | **P** | **P** | **-** | **2/3** |
| Mr. Sanjay Kumar Singh (A) | [sanjay.s@hbtu.ac.in](mailto:sanjay.s@hbtu.ac.in) | 9721232158 |
|  | Hindustan Unilever Limited, Mumbai | Smt. Priti Chodankar | [priti.Chodankar@unilever.com](mailto:priti.Chodankar@unilever.com) | 8879674229 | **P** | **P** | **P** | **3/3** |
| Smt. Seema Yadav (A) | [Seema.Yadav@unilever.com](mailto:Seema.Yadav@unilever.com) | 7400153454 |
|  | Indian Home and Personal Care Industry Association, Mumbai | Mr. Sanjay Trivedi | [strivedi@trivedigroupe.com](mailto:strivedi@trivedigroupe.com) | 9820127231 |  |  | **C** | **C** |
| Mr. A. Sivakumar | [sivakumar12465@gmail.com](mailto:sivakumar12465@gmail.com) | 9820952190 |
|  | JNTL Consumer Health (India) Private Limited (Kenvue) | Dr. Dilip Tripathi | [dtripathi@kenvue.com](mailto:dtripathi@kenvue.com) | 9920271810 | **P** | **P** | **P** | **3/3** |
| Mr. Mandar Dhakras (A) | [mdhakras@kenvue.com](mailto:mdhakras@kenvue.com) | 9930525513 |
| Dr. Sonal Shidhore (A) | [sshidhor@kenvue.com](mailto:sshidhor@kenvue.com) | 9870375775 |
|  | Micro, Small and Medium Enterprises, Testing Centre, Mumbai | Mr. Vipul Gaikwad | [vv.gaikwad@gov.in](mailto:vv.gaikwad@gov.in) | 9604777377 | **P** | **P** | **-** | **2/3** |
| Shri Manoj Kumar Vats (A) | [mk.vats@nic.in](mailto:mk.vats@nic.in) | 8587030740 |
|  | OTAI, Kanpur  **[Co-opted in the 41st meeting of CHD 25]** | Dr A.T. Mirajkar | [atmirajkar@unitopgroup.com](mailto:atmirajkar@unitopgroup.com) | 9819757033 |  |  |  |  |
|  | Procter and Gamble India, Mumbai | Shri Girish Parhate | [parhate.g@pg.com](mailto:parhate.g@pg.com) | 8639718696 | **P** | **P** | **P** | **3/3** |
| Shri Sivakumar Thanigachalam (A) | [thanigachalam.s@pg.com](mailto:thanigachalam.s@pg.com) | 9894613191 |
|  | Reckitt Benckiser India Private Limited, Mumbai | Shri Gaurav Sharma (P) | [gaurav.sharma2@reckitt.com](mailto:gaurav.sharma2@reckitt.com) | 8527595540 | **P** | **P** | **P** | **3/3** |
| Smt. Jasmin Kalra (A) | [jasmin.kalra@rb.com](mailto:jasmin.kalra@rb.com) | 9560955677 |
| Shri Anoop Mishra (A) | [anoop.mishra@rb.com](mailto:anoop.mishra@rb.com) | 9910106097 |
|  | Shriram Institute for Industrial Research, Delhi | Dr. S. K. Nayak | [sknayak@shriraminstitute.org](mailto:sknayak@shriraminstitute.org) | 9910980457 | **P** | **P** | **P** | **3/3** |
| Mr. Dushyant Singh (A) | [qad@shriraminstitute.org](mailto:qad@shriraminstitute.org) | 9818842472 |

**(P)- Present, (-) – Absent, (L) – Leave of Absence, (WD) – Withdrawn**

**Panel — CHD 25: P 2**

* **Scope** — *To formulate/review/revise Indian standards for non-soap detergents, wetting agents, emulsifying agents including formulated and specialty products, disinfectant and related house cleaning products and raw materials for detergents.*

**Term**: One Year

**Convenor: Ms Rupinder Kaur Rawat,** *Assistant Vice President – Quality, M/s Godrej Consumer Products Limited, Mumbai*

**Mobile No.: 9820778282**

**Email Address:** [rm.rawat@godrejcp.com](mailto:rm.rawat@godrejcp.com)

**Composition:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SL. No.** | **NAME OF THE ORGANIZATION** | **PRINCIPAL (ALTERNATE) MEMBER** | **MEMBER EMAIL / MEMBER ALTERNATE EMAIL** | **MOBILE NUMBER** | **MEETING ATTENDED** | | | |
| **25th** | **26th** | **27th** | **Total** |
|  | CSIR - Indian Institute of Toxicology Research, Lucknow | Dr. Akshay Dwarakanath | [akshay.dwarakanath@iitr.res.in](mailto:akshay.dwarakanath@iitr.res.in) | 8127555500 | **P** | **L** | **P** | **2/3** |
|  | Central Drugs Standard Control Organization, New Delhi | Ms. L. Suganthi | [di.suganthi@cdsco.nic.in](mailto:di.suganthi@cdsco.nic.in) | 9500147391 | **P** | **-** | **P** | **2/3** |
|  | Consumer Guidance Society of India, Mumbai | Dr. Sitaram Dixit | [sitaram.dixit@gmail.com](mailto:sitaram.dixit@gmail.com)  [cgsibom@gmail.com](mailto:cgsibom@gmail.com) | 9967607095 | **P** | **-** | **P** | **2/3** |
| Dr. M. S. Kamath | [dr.m.s.kamath@gmail.com](mailto:dr.m.s.kamath@gmail.com) | 9820455858 |
|  | Directorate General of Quality Assurance, Ministry of Defence, Kanpur | Mr. A K Patra | [ak.patra123@gov.in](mailto:ak.patra123@gov.in) | 9818959198 | **P** | **L** | **P** | **2/2** |
| Dr S K Pandey | [cqamknp-dgqa@nic.in](mailto:cqamknp-dgqa@nic.in)  [santoshk.pandey73@gov.in](mailto:santoshk.pandey73@gov.in) | 8765567007  8052427002 |
|  | FASSSDMI, Delhi | Shri Aseem Galhotra | [agalhotra@hotmail.com](mailto:agalhotra@hotmail.com) |  | **P** | **P** | **P** | **3/3** |
|  | Fena Private Limited, New Delhi | Shri Dalip Jolly | [dalipjolly@fena.com](mailto:dalipjolly@fena.com)  [director@fena.com](mailto:director@fena.com) |  | **P** | **L** | **P** | **2/2** |
| Shri Benny G Jacob | [bennyjacob@fena.com](mailto:bennyjacob@fena.com) | 9891970595 |
|  | Galaxy Surfactants Limited, Mumbai | Shri Sagar Trailokya | [sagar.trailokya@galaxysurfactants.com](mailto:sagar.trailokya@galaxysurfactants.com) | 9867673376 | **P** | **P** | **P** | **3/3** |
| Shri Pramod Sabat | [pramod.sabat@galaxysurfactants.com](mailto:pramod.sabat@galaxysurfactants.com) | 7738153820 |
|  | Godrej Consumer Products Limited, Mumbai | Shri Venkateswara Yadlapalli | [venkateswara.y@godrejcp.com](mailto:venkateswara.y@godrejcp.com) |  | **P** | **P** | **P** | **3/3** |
| Dr. Manoj Gaur | [manoj.gaur@godrejcp.com](mailto:manoj.gaur@godrejcp.com) | 9899621771 |
|  | Harcourt Butler Technical University, Kanpur | Dr Gaurav Singh | [hbtugs@gmail.com](mailto:hbtugs@gmail.com) | 6307405122 | **P** | **-** | **P** | **2/3** |
| Mr. Sanjay Kumar Singh | [sanjay.s@hbtu.ac.in](mailto:sanjay.s@hbtu.ac.in) | 9721232158 |
|  | Hindustan Unilever Limited, Mumbai | Ms. Priti Chodankar | [priti.Chodankar@unilever.com](mailto:priti.Chodankar@unilever.com) | 8879674229 | **P** | **P** | **P** | **3/3** |
| Ms. Seema Yadav | [Seema.Yadav@unilever.com](mailto:Seema.Yadav@unilever.com) | 7400153454 |
|  | ITC Limited, Kolkata | Dr. Doss Jayaprakash | [Doss.Jayaprakash@itc.in](mailto:Doss.Jayaprakash@itc.in) | 8951387830 | **P** | **P** | **P** | **3/3** |
|  | Indian Home and Personal Care Industry Association, Mumbai | Mr. Sandeep Naidu |  | 9819913902 |  | **C** | **-** | **0/1** |
| Mr. Debojit Chakrabarty |  | 9833287555 |
|  | Ministry of Micro, Small and Medium Enterprises, testing Centre, Mumbai | Shri Manoj Kumar | [mk.vats@nic.in](mailto:mk.vats@nic.in) | 8587030740 | **P** | **-** | **P** | **2/3** |
| Shri Imran Mujawar | [imran.msme@gmail.com](mailto:imran.msme@gmail.com) | 9552231220 |
|  | National Test House, Kolkata | Dr. Amarnath Chakraborty | [amarnath@nth.gov.in](mailto:amarnath@nth.gov.in) | 9433258170 | **P** | **P** | **P** | **3/3** |
| Shri Vinod Kumar Amirchand Ram | [vinodkumar@nth.gov.in](mailto:vinodkumar@nth.gov.in) | 8013090509 |
|  | Oil Technologists' Association of India, Kanpur | Shri Ashok Mahindru | [ashok@mahindrus.com](mailto:ashok@mahindrus.com) | 9810048990 | **-** | **P** | **-** | **1/3** |
| Shri Sushil Bajpai |  | 99350 02222 |
|  | Procter and Gamble India, Mumbai | Shri Girish Parhate | [parhate.g@pg.com](mailto:parhate.g@pg.com) | 8639718696 | **P** | **P** | **P** | **3/3** |
| Shri Sivakumar Thanigachalam | [thanigachalam.s@pg.com](mailto:thanigachalam.s@pg.com) | 9894613191 |
|  | Reliance Industries Limited, Mumbai | Shri Sreeramachandran Kartha | [sreeramachandran.kartha@ril.com](mailto:sreeramachandran.kartha@ril.com) | 9867680247 | **-** | **P** | **P** | **2/3** |
| Shri Chetan Sedani | [chetan.sedani@ril.com](mailto:chetan.sedani@ril.com) | 9987023045 |
|  | Shriram Institute for Industrial Research, Delhi | Shri Dushyant Singh | [qad@shriraminstitute.org](mailto:qad@shriraminstitute.org) | 9818842472 | **P** | **P** | **P** | **3/3** |
| Dr. S. K. Nayak | [sknayak@shriraminstitute.org](mailto:sknayak@shriraminstitute.org) | 9910980457 |

**(P)- Present, (-) – Absent, (L) – Leave of Absence, (WD) – Withdrawn**

**Panel — CHD 25: P 3**

* **Scope —** *To formulate /review /revise Indian standards on test methods for soaps, detergent and other surface-active agents*

**Term:** One Year

**Convenor: Shri Benny G Jacob,** *Fena Private Limited, New Delhi*

**Mobile No.: 9891970595**

**Email Address:** [bennyjacob@fena.com](mailto:bennyjacob@fena.com)

**Composition**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No** | **NAME OF THE ORGANIZATION** | **Principal (Alternate)Member** | **Member Email / Member Alternate Email** | **MOBLIE NO.** | **Meeting Attended** | | | |
| **23rd** | **24th** | **25th** | **Total** |
|  | CSIR - Indian Institute of Toxicology Research, Lucknow | Dr. Akshay Dwarakanath | [akshay.dwarakanath@iitr.res.in](mailto:akshay.dwarakanath@iitr.res.in) | 8127555500 | **P** | **L** | **P** | **2/2** |
|  | Directorate General of Quality Assurance, Ministry of Defence, Kanpur | Mr. A K Patra | [cqamknp-dgqa@nic.in](mailto:cqamknp-dgqa@nic.in)  [ak.patra123@gov.in](mailto:ak.patra123@gov.in) | 9818959198 | **P** | **L** | **P** | **2/2** |
| Dr. S K PANDEY | [cqamknp-dgqa@nic.in](mailto:cqamknp-dgqa@nic.in)  [santoshk.pandey73@gov.in](mailto:santoshk.pandey73@gov.in) | 8765567007  8052427002 |
|  | FARE Labs Private Limited,Gurgaon | Mr. C. S. Joshi | [csjoshi@farelabs.com](mailto:csjoshi@farelabs.com) | 9313066685 | **P** | **-** | **-** | **1/3** |
| Mr. D.K. Mathur | [dmathur@farelabs.com](mailto:dmathur@farelabs.com) [farelabs@farelabs.com](mailto:farelabs@farelabs.com) | 9312664533 |
|  | FASSSDMI, Delhi | Shri Aseem Galhotra | [agalhotra@hotmail.com](mailto:agalhotra@hotmail.com) | 9810057777 | **P** | **P** | **P** | **3/3** |
|  | Fena Private Limited, New Delhi | Shri Dalip Jolly | [dalipjolly@fena.com](mailto:dalipjolly@fena.com) [director@fena.com](mailto:director@fena.com) | 9810001647 | **-** | **-** | **-** | **0/3** |
|  | Galaxy Surfactants Limited, Mumbai | Shri Sagar Trailokya | [sagar.trailokya@galaxysurfactants.com](mailto:sagar.trailokya@galaxysurfactants.com) | 9867673376 | **P** | **P** | **P** | **3/3** |
| Shri Pramod Sabat | [pramod.sabat@galaxysurfactants.com](mailto:pramod.sabat@galaxysurfactants.com) | 7738153820 |
|  | Godrej Consumer Products Limited, Mumbai | Smt.Rupinder Kaur Rawat | [rm.rawat@godrejcp.com](mailto:rm.rawat@godrejcp.com) | 9820778282 | **P** | **P** | **P** | **3/3** |
| Shri venkateswara Yadlapalli | [venkateswara.y@godrejcp.com](mailto:venkateswara.y@godrejcp.com) |  |
| Dr. Manoj Gaur | [manoj.gaur@godrejcp.com](mailto:manoj.gaur@godrejcp.com) | 9899621771 |
|  | Harcourt Butler Technical University, Kanpur | Mr. Gaurav singh | [hbtugs@gmail.com](mailto:hbtugs@gmail.com) | 6307405122 | **P** | **-** | **P** | **2/3** |
| Mr. Sanjay Kumar Singh | [sanjay.s@hbtu.ac.in](mailto:sanjay.s@hbtu.ac.in) | 9721232158 |
|  | Hindustan Unilever Limited, Mumbai | Shri Sojan Varghese | [sojan.varghese@unilever.com](mailto:sojan.varghese@unilever.com) | 9987003378  9819765771 | **P** | **P** | **P** | **3/3** |
| Smt. Seema Yadav | [Seema.Yadav@unilever.com](mailto:Seema.Yadav@unilever.com) | 7400153454 |
| Smt. Priti Chodankar | [priti.Chodankar@unilever.com](mailto:priti.Chodankar@unilever.com) | 8879674229 |
|  | Indian Home and Personal Care Industry Association, Mumbai | Mr. Debojit Chakrabarty | Debojit.chakrabarty@jyoty.com | 9833287555 |  | **C** | **-** | **C** |
| Mr. A. Sivakumar | [sivakumar12465@gmail.com](mailto:sivakumar12465@gmail.com) | 9820952190 |
|  | National Test House, Kolkata | Dr. Amarnath Chakraborty | [amarnath@nth.gov.in](mailto:amarnath@nth.gov.in) | 9433258170 | **P** | **P** | **P** | **3/3** |
| Shri Vinod Kumar Amirchand Ram | [vinodkumar@nth.gov.in](mailto:vinodkumar@nth.gov.in) | 8013090509 |
|  | PETA India, Mumbai | Dr. Ankita Pandey | [ankitap@petaindia.org](mailto:ankitap@petaindia.org) | 9910317382 | **-** | **P** | **P** | **2/3** |
|  | Procter and Gamble India, Mumbai | Girish Parhate | [parhate.g@pg.com](mailto:parhate.g@pg.com) | 8639718696 | **P** | **P** | **P** | **3/3** |
| Shri Sivakumar Thanigachalam | [thanigachalam.s@pg.com](mailto:thanigachalam.s@pg.com) | 9894613191 |
|  | Shriram Institute for Industrial Research, Delhi | Shri Dushyant Singh | [qad@shriraminstitute.org](mailto:qad@shriraminstitute.org) | 9818842472 | **P** | **P** | **P** | **3/3** |
| Dr. Sumant Kumar Nayak | [sknayak@shriraminstitute.org](mailto:sknayak@shriraminstitute.org) | 9910980457 |

**Note: A - Absent, P- Present, C - Co-opted, WD – Withdrawn**

***ALL Working Groups under CHD 25***

**CHD 25 : WG 1 — Alert Working Group**

**Scope —**

1. *To review all standards of the sectional committee, CHD 25, identify Indian standards which need to be taken up for revision/amendment on the basis of technological advancements and international practices and bring the same into notice of the sectional committee.*
2. *To liaison with ISO/TC 91 Surface Active Agents.*
3. *To coordinate with SARSO in formulation of SAARC Standards with respect to soaps and other surface active agents.*
4. *To revise IS 10513 : 1983 Specification for sodium oleostearate technical (Soap Noodles)*
5. *To revise IS 11601 : 2002 Method of safety evaluation of synthetic detergents- Tests for skin irritation and sensitization potential of synthetic detergents*

**Term:** 6 months

**Composition**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No** | **Name of The Organization** | **Representatives (s)** | **Member Email / Member Alternate Email** | **Mobile No.** |
| 1 | ITC Limited, Kolkata | Dr. Doss Jayaprakash **(Convenor)** | [Doss.Jayaprakash@itc.in](mailto:Doss.Jayaprakash@itc.in)  [ibhamum@gmail.com](mailto:ibhamum@gmail.com) | 8951387830 |
| 2 | Consumer Guidance Society of India, Mumbai | Dr. Sitaram Dixit | [sitaram.dixit@gmail.com](mailto:sitaram.dixit@gmail.com)  [cgsibom@gmail.com](mailto:cgsibom@gmail.com) | 9967607095 |
| 3 | FARE Labs Private Limited,Gurgaon | Mr. C. S. Joshi | [csjoshi@farelabs.com](mailto:csjoshi@farelabs.com) | 9313066685 |
| 4 | Fena Private Limited, New Delhi | Shri Benny G Jacob | [bennyjacob@fena.com](mailto:bennyjacob@fena.com) | 9891970595 |
| 5 | Hindustan Unilever Limited, Mumbai | Smt. Priti Chodankar | [priti.Chodankar@unilever.com](mailto:priti.Chodankar@unilever.com) | 8879674229 |
| 6 | Indian Oil Corporation Limited, Mumbai | Y S Jhala | [Jhalays@Indianoil.In](mailto:JHALAYS@INDIANOIL.IN) | 8153955545 |
| 7 | National Test House, Kolkata | Dr. Amarnath Chakraborty | [amarnath@nth.gov.in](mailto:amarnath@nth.gov.in) | 9433258170 |
| Shri Vinod Kumar Amirchand Ram | [vinodkumar@nth.gov.in](mailto:vinodkumar@nth.gov.in) | 8013090509 |
| 8 | Procter and Gamble India, Mumbai | Shri Sivakumar Thanigachalam | [thanigachalam.s@pg.com](mailto:thanigachalam.s@pg.com) | 9894613191 |
| 9 | Reckitt Benckiser India Private Limited, Mumbai | Shri Brij Mohan Singh | [brij.mohan@rb.com](mailto:brij.mohan@rb.com) | 8894788735 |

**CHD 25 : WG 3 — For the revision of IS 13424 Safety evaluation of bathing bars and toilet soaps — Methods of test**

**Scope —** *To revise of IS 13424 Safety evaluation of bathing bars and toilet soaps — Methods of test*

**Term:** 6 months

**Composition**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No** | **Name of The Organization** | **Representatives (s)** | **Member Email / Member Alternate Email** | **Mobile No.** |
| 1 | Hindustan Unilever Limited, Mumbai | Ms. Priti Chodankar | [priti.Chodankar@unilever.com](mailto:priti.Chodankar@unilever.com) | 8879674229 |
| 2 | Consumer Guidance Society of India, Mumbai | Dr. Sitaram Dixit | [sitaram.dixit@gmail.com](mailto:sitaram.dixit@gmail.com)  [cgsibom@gmail.com](mailto:cgsibom@gmail.com) | 9967607095 |
| 3 | PETA India, Mumbai | Dr. Ankita Pandey | [ankitap@petaindia.org](mailto:ankitap@petaindia.org) | 9910317382 |

**CHD 25 : WG 4 — ToR**

**Scope —**

* *To monitor the progress of implementation of the Strategic Roadmap of CHD 25*
* *To suggest modifications required in the Strategic Roadmap document*

**Term:** One Year

**Composition**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No** | **Name of The Organization** | **Representatives (s)** | **Member Email / Member Alternate Email** | **Mobile No.** |
|
| 1 | Harcourt Butler Technical University, Kanpur | Dr P.K.S. Yadav **(Convenor)** | [hodot@hbtu.ac.in](mailto:hodot@hbtu.ac.in)  [pkyhbti@yahoo.co.in](mailto:pkyhbti@yahoo.co.in) | 9415485447 |
| 2 | Consumer Guidance Society of India, Mumbai | Dr. Sitaram Dixit | [sitaram.dixit@gmail.com](mailto:sitaram.dixit@gmail.com)  [cgsibom@gmail.com](mailto:cgsibom@gmail.com) | 9967607095 |
| 3 | Fena Private Limited, New Delhi | Shri Benny G Jacob **(Convenor CHD25:SC3)** | [bennyjacob@fena.com](mailto:bennyjacob@fena.com) | 9891970595 |
| 4 | Godrej Consumer Products Limited, Mumbai | Ms. Rupinder Kaur Rawat **(Convenor CHD25:SC2)** | [rm.rawat@godrejcp.com](mailto:rm.rawat@godrejcp.com) | 9820778282 |
| 5 | Hindustan Unilever Limited, Mumbai | Ms. Priti Chodankar | [priti.Chodankar@unilever.com](mailto:priti.Chodankar@unilever.com) | 8879674229 |
| Dr. Nimish Shah | [nimish.shah2@unilever.com](mailto:nimish.shah2@unilever.com) | 9341703119 |
| 6 | ITC Limited, Kolkata | Dr. Doss Jayaprakash **(Convenor CHD25:SC1)** | [Doss.Jayaprakash@itc.in](mailto:Doss.Jayaprakash@itc.in)  [ibhamum@gmail.com](mailto:ibhamum@gmail.com) | 8951387830 |
| 7 | Indian Home and Personal Care Industry Association, Mumbai | Shri Sanjay N Trivedi | [strivedi@trivedigroupe.com](mailto:strivedi@trivedigroupe.com) | 9820127231 |
| 8 | Procter and Gamble India, Mumbai | Shri Sivakumar Thanigachalam | [thanigachalam.s@pg.com](mailto:thanigachalam.s@pg.com) | 9894613191 |
| 9 | In Personal Capacity | Dr. R K Trivedi | [rakeshtrivedi@hotmail.com](mailto:rakeshtrivedi@hotmail.com)  [rktrivedihbti@gmail.com](mailto:rktrivedihbti@gmail.com) | 9415044271 |

**CHD 25 : WG 5 — Search Working Group**

**Scope —** *To identify and approach relevant stakeholders for induction in the CHD 25 or its subcommittees or Panels to ensure balanced representation of stakeholder groups*

**Term:** 6 months

**Composition**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No** | **Name of The Organization** | **Representatives (s)** | **Member Email / Member Alternate Email** | **Mobile No.** |
|
| 1 | Harcourt Butler Technical University, Kanpur | Dr P.K.S. Yadav **(Chairperson) — Main committee (CHD 25)** | [hodot@hbtu.ac.in](mailto:hodot@hbtu.ac.in)  [pkyhbti@yahoo.co.in](mailto:pkyhbti@yahoo.co.in) | 9415485447 |
| 2 | Central Drugs Standard Control Organization, New Delhi | Ms L. Suganthi | [di.suganthi@cdsco.nic.in](mailto:di.suganthi@cdsco.nic.in) | 9500147391 |
| 3 | Galaxy Surfactants Limited, Mumbai | Shri Pramod Sabat | [pramod.sabat@galaxysurfactants.com](mailto:pramod.sabat@galaxysurfactants.com) | 7738153820 |
| 4 | Indian Home and Personal Care Industry Association, Mumbai | Shri Sanjay N Trivedi | [strivedi@trivedigroupe.com](mailto:strivedi@trivedigroupe.com) | 9820127231 |
| 5 | Indian Oil Corporation Limited - Refineries and Pipelines Division, New Delhi | Shri Y S Jhala | [Jhalays@Indianoil.In](mailto:JHALAYS@INDIANOIL.IN) | 8153955545 |
| 6 | Shri. Virendra Singh | BIS-MEMBER SECRETARIAT | [virendra@bis.gov.in](mailto:virendra@bis.gov.in) | 9818822791 |

**CHD 25 : WG 6**

**Scope —** *To review draft documents for revision of IS 8401:1994 & IS 9985:1992*

**Term:** 6 months

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No** | **Name of The Organization** | **Representatives (s)** | **Member Email / Member Alternate Email** | **Mobile No.** |
|
| 1 | ITC Limited, Kolkata | Dr. Doss Jayaprakash | Doss.Jayaprakash@itc.in | 8951387830 |
| 2 | Bengal Soaps and Detergents Manufacturers Welfare Association, Kolkata | Mr. Nitin Aggarwal | nitin.smpl03@gmail.com | 9830201472 |
| 3 | FASSSDMI, Delhi | Mr. Aseem Galhotra | agalhotra@hotmail.com | 9810057777 |
| 4 | Hindustan Unilever Limited, Mumbai | Ms. Seema Yadav | Seema.Yadav@unilever.com | 7400153454 |
| 5 | Indian Home and Personal Care Industry Association, Mumbai | Mr. Sanjay N Trivedi | strivedi@trivedigroupe.com | 9820127231 |

**CHD 25 : WG 7**

**Scope —** *To review draft document for revision of IS 13933:1995*

**Term:** 6 months

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No** | **Name of The Organization** | **Representatives (s)** | **Member Email / Member Alternate Email** | **Mobile No.** |
|
| 1 | Indian Home and Personal Care Industry Association, Mumbai | Mr. Ananthasubramanian Sivakumar | sivakumar12465@gmail.com | 9820952190 |
| 2 | Godrej Consumer Products Limited, Mumbai | Dr. MANOJ GAUR | manoj.gaur@godrejcp.com | 9899621771 |
| 3 | Hindustan Unilever Limited, Mumbai | Ms. Seema Yadav | Seema.Yadav@unilever.com | 7400153454 |
| 4 | Indian Oil Corporation Limited, Mumbai | Dr. Y S Jhala | JHALAYS@INDIANOIL.IN | 8153955545 |
| 5 | Procter and Gamble India, Mumbai | Mr. Sivakumar Thanigachalam | thanigachalam.s@pg.com | 9894613191 |

**CHD 25 : WG 8**

**Scope —** *Revision of IS 7983:1994*

**Term:** 6 months

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No** | **Name of The Organization** | **Representatives (s)** | **Member Email / Member Alternate Email** | **Mobile No.** |
|
| 1 | Dabur India Limited, Sahibabad | Mr. NEERAJ KUMAR GUPTA | neeraj\_351@rediffmail.com | 9986710570 |
| 2 | Associated Chambers of Commerce and Industry of India, New Delhi | Mr. Vikas Tiwari | vikas8.tiwari@ril.com | 9820634758 |
| 3 | Hindustan Unilever Limited, Mumbai | Ms. Seema Yadav | Seema.Yadav@unilever.com | 7400153454 |
| 4 | Reckitt Benckiser India Private Limited, Mumbai | Ms. JASMIN KALRA | Jasmin.Kalra@reckitt.com | 9560955677 |

***ALL Working Group under New Subject***

**CHD 25 : WG 01**

**Scope —** *Liquid Laundry Detergent Capsules*

**Term:** 6 months

Members:

* Shri Sivakumar from P&G — **(Convenor)**
* Shri Vikas Tiwari – ASSOCHAM
* Dr Manoj Gaur – M/s Godrej Consumer Products
* Smt. Seema Yadav – M/s HUL
* Ms Jasmin Kalra – M/s Reckitt

**CHD 25 : WG 02**

**Scope —** *Life-cycle assessment of washing and cleaning products*

**Term:** 6 months

Members:

* Shri Sivakumar from P&G — **(Convenor)**
* Shri Vikas Tiwari – ASSOCHAM
* Dr Manoj Gaur – M/s Godrej Consumer Products
* Smt. Seema Yadav – M/s HUL
* Ms Jasmin Kalra – M/s Reckitt
* Shri Saurabh – M/s Nozozymes South Asia Private limited

**CHD 25 : WG 03**

**Scope —** *Sustainable surface cleaner*

**Term:** 6 months

Members:

* Prof. (Dr.) R. K. Trivedi — **(Convenor)**
* Shri Sivakumar – M/s P&G
* Dr Manoj Gaur – M/s Godrej Consumer Products
* Smt. Seema Yadav – M/s HUL
* Ms Jasmin Kalra – M/s Reckitt
* Shri Saurabh – M/s Nozozymes South Asia Private limited

***ALL Working Group under CHD 25 : P 2***

# CHD 25 : P 2: WG 01

**Scope —**

1. *To review the comments/ observations on the WC of* ***IS 10758:1983 ‘De-ordourizing cum disinfectant fluids – specification’*** *provide recommendations for consideration by the Panel.*
2. *To review existing* ***IS 1061:2017 ‘Disinfectant fluids, phenolic type – Specification’*** *and provide recommendation for revision of Indian Standards.*

**Term:** 6 months

**Composition:**

1. Shri Brijesh Tomar, DGQA **(Convenor)**
2. Shri Aseem Galhotra, FASSSDMI
3. Shri Manoj Gaur, M/s Godrej Consumer Products Limited, Mumbai
4. Shri Dushyant Singh, SIIR, Delhi
5. Shri N S Bist, Vice-President - Operations, M/s Ambey Laboratories, Gurugram
6. Dr Ashok Mahindru, OTAI
7. Shri Virendra Singh, Member Secretary CHD 25, BIS

# CHD 25 : P 2: WG 02

**Scope —**

1. *To review the comments/ observations on the WC of* ***IS 8540: 1986 ‘Specification for Glass Cleaner Liquid’*** *provide recommendations for consideration by the Panel.*

**Term:** 6 months

**Composition:**

1. Shri S K Nayak, SIIR, Delhi — **(Convenor)**
2. Shri Manoj Gaur, M/s Godrej Consumer Products Limited, Mumbai.
3. Ms Seema Yadav, HUL