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# BUREAU OF INDIAN STANDARDS

***AGENDA***

**Soaps, Detergent and Surface Active Agents, Sectional Committee, CHD 25 44th Meeting**

Day and Date  **:** Friday, 13th December 2024

Time **:** 1000 h

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

Venue of meeting **: Hybrid Meeting (BIS, Branch Office, Jammu)**

<https://bismanak.webex.com/bismanak/j.php?MTID=m35b2a43a19bd704c9b81e6853284ae9e>

Meeting Id **: 2516 066 2888**

Password **: meeting@123**

Email **:** [chd25@bis.org.in](mailto:chd25@bis.org.in)

**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

# WELCOME AND OPENING REMARKS

# WELCOME BY BIS

# OPENING REMARKS BY THE CHAIRMAN

# CONFIRMATION OF THE MINUTES OF THE LAST MEETING

Minutes of the 42nd and 43rd meeting of Soaps, Detergent and Surface-Active Agents Sectional Committee, CHD 25 held on ***04th September, 2024*** and held on ***28th October, 2024***, respectively, were approved by the chairperson and circulated to members on ***06th November, 2024*** and ***28th November, 2024*** respectively, via the BIS Standards Portal. The minutes of the meetings are placed below for reference:



The Committee may **CONSIDER** and **CONFIRM** the minutes.

# SCOPE AND COMPOSITION OF COMMITTEE

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

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The current scope of CHD 25, is 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; and*
2. *To co-ordinate with the work of ISO/ TC 91 Surface Active Agents*.”

CHD 25 is also acting as the National Mirror Committee to ISO TC 91. The Scope of ISO TC 91 is given below:

* **ISO TC 91 —** *Standardization in the field of surface active agents and mixtures containing one or more surface active agents with or without other conventional components of soap and detergent formulations.*

The Committee may **NOTE.**

## **COMPOSITION OF CHD 25**

* + 1. The current composition of CHD 25 as approved by CHDC in its meeting held on **13th September, 2024**and noted by the committee in last meeting held on **04th September, 2024** and **28th October, 2024** are given at Annex 1:

The Committee may **NOTE.**

### As per BIS guidelines for composition of sectional committees, the following is submitted for information:

1. It has been decided to regularly review composition of the sectional committee to remove/ replace organizations that had not participated in last **2** meetings. Further, **the optimum size of a Sectional Committee or its sub-committee, as recommended by BIS, is 30** and membership to individuals, in personal capacity or as representative of an organization, should be considered when they are widely acknowledged domain area expert and possesses expertise on the subjects covered by the scope of the Sectional Committee. Whenever an organization viz. Ministry, Industry Association or Research and Academic Institutions is co-opted in the Sectional Committee, the person representing the organization should be clearly specified and has the desired standing.
2. As far as possible, non-industry representation should not be less than two-third of the committee composition. The current representation of different stakeholder groups in CHD 25 is given below:

|  |  |  |  |
| --- | --- | --- | --- |
| **SI. No.** | **Title** | **Category** | **Number** |
| 1. | Industry | Industry and commerce | **8** |
| 2. | Industry association | **4** |
| 3. | Government/ Regulatory bodies | Government | **5** |
| 4. | Consumer/ user group | Consumers/ users | **2** |
| 5. | R&D Organization | Academia and research bodies | **0** |
| 6. | Academic Institution | **3** |
| 7. | Testing, certification and accreditation bodies | Standards application | **1** |
| 8. | Expert in Personal Capacity |  | **1** |
|  | Total | | **24** |

It may be seen that the non-industry representation is less than two-third. We, therefore, require to look into the current composition to ensure that non-industry representation is not less than two-third of the committee. For this, we may also identify the relevant and interested non-industry stakeholders those could be co-opted in the committee.

1. Furthermore, whenever in case a representative fail to attend a meeting, a communication seeking his cooperation in the functioning of the sub-committee is sent and after failing to attend two consecutive meetings or more than 50% meetings in a year, their representation is liable to termination. As a consequence, if the member organization concerned fails to attend three consecutive meetings of the Sectional Committee meeting, their membership shall be liable to be terminated.

The Committee may **CONSIDERED.**

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

1. **Indian Society for Surface Science and Technology (ISSST), Kolkata (C/o Jadavpur University, Kolkata)**

ISSST had been identified for co-option and was requested to indicate their willingness and share nominations for representation on CHD 25.

In both the **41st** and **42nd meetings**, it was noted that a response was still awaited. The BIS Secretariat was advised to follow up with ISSST again to seek their willingness for membership on **CHD 25**.

Accordingly, a reminder was sent on **13th September, 2024** (copy provided below).



The response from ISSST is still awaited

The Committee may **DISCUSS and DECIDE.**

1. **Oil Technologists' Association of India (OTAI), Kanpur (OTAI)**

During 41st meeting, the committee reviewed the nominations received from OTAI and noted that due to non-participation, their membership in the main committee was withdrawn.

Considering that OTAI had been a member of the committee and the experts are from oil technology field focusing in the area of Soaps and Surface Active Agents also, the committee decided to co-opt OTAI on CHD 25 and advised BIS Secretariat to obtain the necessary approvals from the Chemical Divisional Council for the co-option of OTAI onto CHD 25. As the next meeting of CHDC is scheduled to be held in September 2024, the proposal will be put up in the meeting for approval.

During the **42nd meeting**, the committee was informed that the proposal for OTAI's co-option would be put forward at the CHDC meeting on **13th September 2024**. Accordingly, the proposal was presented at the **CHDC meeting** held on **13th September 2024** for approval and was approved.

The committee may **NOTE.**

* + 1. **Non-Participation in committee meetings:**

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, co-opted during the39th meeting of CHD 25, nominated Dr. Pawan Devidas Meshram as their principal member. However, Dr. Meshram has not attended the last two meetings.

The institute was requested to ensure participation or nominate an alternate member, but no response has been received. As per guidelines, non-participation in two consecutive meetings or more than 50% of meetings in a year results in membership withdrawal.

The committee noted that DG BIS letter No. **P&C/09/18/2023-PNC-BIS** dated **9th November 2023** outlined this policy. Upon reviewing attendance, the committee decided to withdraw the membership of the university and advised the BIS Secretariat to obtain necessary approvals from the Divisional Council.

Accordingly, the withdrawal of Kavayitri Bahinabai Chaudhari North Maharashtra University's membership was presented at the CHDC meeting held on **13th September 2024** for consideration and approval. CHDC has approved the withdrawal.

**The committee may NOTE.**

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

**The following members have informed change in /fresh nominations:**

1. Novozymes South Asia Private Limited, Mumbai, has nominated Ms. Mansi Kulshreshtha (Head of Regulatory Affairs) as the principle member in place of Dr. Vasudheva Reddy.

**The Nomination Performa is placed below:**

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The Committee may **NOTE.**

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

The PoW of the Committee in form of published standards and work under progress is given below:



The Committee may **NOTE.**

# DRAFT STANDARDS/ AMENDMENTS FOR FINALIZATION

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

During the 40th meeting, the committee considered the current status of revision of IS 8540:1986 and the changes proposed in the document by the Panel through **CHD25:SC2.** The committee unanimously approved the changes proposed by the Panel.

With respect to the ‘Approved Sample’, the committee after deliberation at length noted that the word ‘Approved sample’ gives a notion that the approved sample will be first certified by a body and thereafter the quality of subsequent production will be assessed taking reference from this. The committee thereafter decided to replace the word ‘Approved sample’ with ‘Reference sample’ and a solution of 2% isopropyl alcohol will be used a reference sample for this purpose.

In 27th meeting of CHD 25:SC2, BIS Secretariat presented the draft finalized document for consideration and approval. The subcommittee considered the draft document prepared for publication and suggested the following modifications in addition to other minor editorial corrections:

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.

During the 42nd meeting, the committee reviewed the current status of the revision of IS 8540:1986 and the changes proposed in the document by subcommittee CHD 25:SC 2. The committee unanimously approved all the proposed changes, along with other minor editorial corrections, as outlined in document CHD 25 (22726) and finalized the document for publication.

The finalized draft, as recommended by the subcommittee, incorporates all the changes suggested by the subcommittee and agreed upon in the meeting, and is provided below:



The document was processed for publication. However, Chemical Department has suggested to relook the title of the standard and the requirements specified in the standard w.r.t. the methods for verification of the compliance.

The committee may **DISCUSS and DECIDE.**

# DRAFT STANDARDS/ AMENDMENTS FOR APPROVAL FOR WIDE CIRCULATION

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

The standard was reviewed by Shri Suyash Pandey (BIS officer). The ARP review document was circulated to members for comments in July 2022:



Dr Gaurav Singh from HBTU was requested to review the document and provide his views/ comments on the draft document within one month.

In view of non-receipt of the views/ comments and 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, in 40th meeting of CHD 25, the committee decided to reaffirm the standard with simultaneous revision. Additionally, it was further decided to issue the document in WC for a period of 2 months under category II.

In 41st meeting, the committee had reviewed the draft document prepared by BIS Secretariat for issuance into WC:



Recognizing the need for further inputs for revision of the standard, the committee decided to established the following expert panel for review and provide recommendations on the draft document within a one-month period:

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

During the 42nd meeting, the given draft document submitted by the panel was presented to the committee:



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.

The BIS Secretariat emphasized the following:

1. All members comment on the document, specifying whether they **agree**, **agree with comments**, **disagree with justification**, or **have no comments**.
2. If no substantive comments or only editorial comments are received on P-draft, the document will proceed to wide circulation for two months under **Priority II**.
3. Any technical comments will be referred back to the expert panel, led by Shri Neeraj Gupta, for resolution and will then be discussed in the committee.

Accordingly, a clean draft copy and a copy with panel comments of IS 7983:1994, received via email dated **15th November 2024** from the expert panel, are placed below for the committee's reference.

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**A copy with panel comments is placed below:**

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**A clean draft copy of IS 7983:1994 is placed below:**

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**The committee may DISCUSS and DECIDE.**

# DRAFTS UNDER PREPARATION

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

In 41st meeting, the committee noted that the draft document received from Mr. Sivakumar, P&G is being processed for publication into wide circulation for 2 months under priority II:



In 25th meeting of CHD 25:SC 3 held on 4th July 2024, the subcommittee deliberated and decided on the document, 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 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 42nd meeting, the committee reviewed the status of IS 5785 (Part 4). The 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. P&G has confirmed delivery of samples to M/s Galaxy Surfactants.**

We are currently awaiting a further response from both **M/s Galaxy Surfactants**.

**The committee may DISCUSS and DECIDE.**

* 1. **IS 11601: 2002 ‘Method of Safety Evaluation of Synthetic Detergents- Tests For Skin Irritation and Sensitization Potential Of Synthetic Detergents’**

Earlier, the committee had requested PETA to provide their comments/inputs for revision of the standard. Accordingly, Ms Vrinda submitted the working draft to the alert panel for its consideration. In 35th meeting, Dr. Doss Jayaprakash concurred with the draft provided by Ms Vrinda Rajwade. The committee, therefore, decided that the draft as provided by Ms Vrinda is to be sent into wide circulation for 60 days under the priority II.

During the 37th meeting, BIS Secretariat mentioned that it had certain observations on the draft document w.r.t. the content incorporated in the draft document and, therefore, the document had been referred back to Dr, Doss Jayaprakash for his inputs. It was also highlighted that assistance, if required, may be drawn from IS 4011 “Methods of test for safety evaluation of cosmetics” which was revised recently in 2018.

Dr. Ankita Pandey from PETA highlighted that during the revision of the standard under reference, the panel went through IS 4011 and found that IS 4011 is applicable for cosmetic products whereas IS 11601 is for synthetic detergents. Further, this standard is applicable for use on fabric and mostly comes in contact of hands.

Further, Dr. Doss Jayaprakash expressing his full support and cooperation for revision of the standard, suggested that it would be appropriate to refer the document to the panel that provided the initial draft as they are having requisite expertise. The committee, therefore, decided to refer the document to the following Panel with a request to provide their views/ comments on the observations so as the document may be issued into Wide Circulation for a period of 60 days:

1. Shri Sivakumar T, Procter & Gamble India
2. Ms Seema Yadav, Hindustan Unilever Ltd
3. Dr. Ankita Pandey, PETA India

During the 38th meeting, the committee noted that the document was discussed during the recent meeting of CHD 25:SC 3 wherein Dr Ankita Pandey, PETA mentioned that while she has no comment on the document, the OECD 49 brought out recently may be considered, if it relevant and of interest to the industry. Mr. Sivakumar from P&G informed that the review has been completed and shared with members of the panel for their inputs/ comments. The members informed that they will provide their inputs/ comments shortly.

The committee deliberated and decided that as the standard is related to method of test, this should report to CHD 25:SC3 and recommendations of the panel should be routed through the sub-committee.

Members also considered that alternate validated test methods may also be suggested by the panel. However, in case of divergence, there should be a referee method which is well established. The committee suggested that the panel may contact Dr Benedict Mascarenhas from M/s Envis be Solutions for review of the documents, if required by the panel.

**The draft document received from Mr SivaKumar from P&G is placed below:**

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In 40th meeting of CHD 25, the committeeconsidered the current status of the revision and decided to solicit comments/ inputs from CDSCO on the draft document.

In 41st meeting of CHD 25, BIS secretariat reported that CDSCO had responded on 11th June 2024 indicating that their comments might not be relevant as they do not regulate detergents. CDSCO advised approaching relevant technical authorities for appropriate feedback.

Taking into account CDSCO’s response, the committee decided to proceed with issuance of the draft document in wide circulation.

In the recent meeting of **CHD 25: SC3** held on 4th July 2024, the subcommittee deliberated and decided as following:

* P&G, HUL and Galaxy expressed that they would like to go through the document and provide their inputs for modifications, if any.
* Mr Sivakumar was requested 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.

During the 42nd meeting, the committee reviewed the current status of revision of **IS 11601:2002** and noted the deliberations of the panel, as mentioned above, which were decided in the meeting of CHD 25:SC 3. 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.

Accordingly, the draft document for the circulation of the P-draft of IS 11601:2002, submitted by Mr. Sivakumar from P&G via email dated ***3rd December 2024***, is placed below:



However, recommendations from Ms. Seema Yadav of HUL and M/s Galaxy Surfactants are still awaited.

The committee may **DISCUSS** and **DECIDE.**

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

Dr. Pandey (PETA) submitted a draft proposing change to IS 13424: 2001 which was circulated among members on 14th March 2022, as preliminary draft. After reviewing the draft, the committee observed that IS 4011 developed by PCD 19 was undergoing revision and the revised version of IS 4011 might replace IS 13424. The committee, therefore, decided to establish a panel CHD 25: P3 to compare the draft provided by Dr. Pandey with the revised version of IS 4011. Based on the inputs of the Panel CHD 25: P3, the committee would discuss the next course of action.

During the 35th meeting, BIS Secretariat informed the committee that upon enquiry, PCD 19 Secretariat indicated that while IS 4011 was under review, there was no WC draft available for IS 4011. She also mentioned that the language of IS 4011 might not be suitable to replace IS 13424. Therefore, it would be appropriate to revise IS 13424 by referring only to the relevant portions of IS 4011. The committee concurred with the BIS Secretariat’s recommendation and requested CHD 25: P3 to thoroughly compare IS 4011 and IS 13424 and submit the recommendation to BIS as soon as possible.

During the 36th meeting, the committee noted that recommendations from panel were still awaited and requested panel to submit its recommendation within the next 2 weeks. Noting that the draft was yet to be received from the panel, during the 37th meeting of CHD 25, the committee requested the panel to submit its recommendations within next 2 weeks. Upon receiving the draft document, it would be issued into wide circulation for a period of 60 days under priority II.

During the 38th meeting of CHD 25, the committee noted that the panel had a meeting to discuss and finalize the document. During the meeting, the Panel agreed to reassess the document w.r.t. to the availability of testing facilities in the country, Intellectual Property Rights, comprehensive nature of the document.

**During the 39th meeting, the committee noted that the panel was yet to submit it recommendations. The committee, therefore, requested the panel to resolve the pending issues and provide its recommendations through the Subcommittee CHD 25:SC 3 on the draft document at the earliest, preferably by the next meeting of the main committee, so as the document may be processed further.**

Accordingly, in the last meeting of **CHD 25: SC3**, the subcommittee recalling the current status of the revision of IS 13424 and also the subcommittee requested the panel to provide its recommendations at the earliest taking into account the availability of testing facilities in the country, Intellectual Property Rights, comprehensive nature of the document. The panel is to submit it recommendations.

During the 40th meeting, the committee considered the current status of revision of IS 13424: 2001. After deliberation, the committee decided to seeking comments/ inputs from the concerned regulatory authority i.e. CDSCO giving a 15 days period for commenting and issue the document into WC for two months under priority 2 after incorporating comments/ suggestions of CDSCO, if any. We are awaiting comments/ inputs from CDSCO.

During the 40th meeting, the committee considered the current status of revision of IS 13424: 2001 and decided to solicit comments from CDSCO on the draft document received from the expert panel, as given below:

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In 41st meeting, BIS secretariat reported that CDSCO had responded on 11th June 2024 indicating that Para 39(7) of Cosmetic Rules states:

“no person shall use any animal for testing of Cosmetics”,

Hence, as the proposal replaces the animal tests for Skin Sensitization test on Guinea Pigs method with alternate methods. The modified draft document for revision of IS 13424:2001 safety evaluation of Bathing Bars and Toilet Soaps – Methods of Test (First Revision) is acceptable to them.

Taking into account CDSCO’s response, the committee decided to proceed with issuance of the draft document in wide circulation for two months under priority II. It was also decided to if no comments were received or if comments received were purely editorial in nature, the document would be processed for publication. Any substantive technical comments received during the circulation period will be review and discussed in the next meeting of CHD 25.

In the recent meeting of **CHD 25: SC3** held on 4th July 2024, the subcommittee deliberated and decided as following:

* P&G, HUL and Galaxy expressed that they would like to go through the document and provide their inputs for modifications, if any.
* Mr Sivakumar was requested 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.

During the 42nd meeting, the committee reviewed the current status of revision of IS 13424:2001 and noted the deliberations of the panel, as mentioned above, which were decided in the meeting of CHD 25:SC 3. 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.

**The recommendation for IS 13424:2001** from **Mr. Sivakumar from (P&G), Ms Seema Yadav from HUL and M/s Galaxy** Surfactants **is still awaited.**

The committee may **DISCUSS** and **DECIDE.**

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

M/s J L Morisons (India) Ltd shared a working draft and information on the market share as well as leading manufacturers and testing laboratories, as given below:



In 40th meeting, the committee considered the working draft and justification received from M/s J L Morisons (India) Ltd for developing an Indian Standard on ‘Liquid cleaner (for baby feeding plastics bottles and plastics, rubber and silicon baby accessories) and allocated the proposal to Ms Anchal Khera from Reckitt Benckiser India Limited for review and providing a working draft for consideration by the committee in next 1 month.

Noting that M/s Reckitt had changed the nominations and that Ms Jasmin Kalra had replaced Ms Anchal Khera, in 41st meeting, the committee requested Ms Jasmin to review the proposal and prepare a working draft latest by 15th July 2024, in consultation with Smt. Seema Yadav from HUL who has made certain comments on the proposal.

To facilitate this, a meeting was convened 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 had deliberation 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

During the 42nd meeting, the committee noted that M/s Tamina agreed to provide a modified draft document for consideration which is still awaited.

**The committee may DISCUSS and DECIDE.**

* 1. During 37th meeting of CHD 25, BIS Secretariat requested Dr. Doss Jayaprakash, ITC to complete the review of the following Indian Standards and submit his recommendation for consideration by the committee:

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)

During 38th meeting of CHD 25, the committee considered the recommendations from Dr. Doss Jayaprakash as given below:

*Before discussing these specifications, it is important to look at IS 12795:1989 (Reaffirmed 2011) which is the specification for Linear Alkyl benzene.*

1. *Linear Alkyl Benzene defined by IS 12795 has been brought under Ministry of Chemicals and Fertilizer's (Quality Control) Order, 2021.*
2. *The specification defines "Chain length distribution" as a parameter for Linear Alkyl benzene (Refer Table 1, Xii). The same parameter is not defined in IS 8401 and IS 9985. Further, the latter specifications do not contain any reference to IS 12795. Keeping in view the performance of the final surfactant and its bio-degradability, would it be relevant to include the carbon chain length parameter in IS 8401 and IS 9985 as well. Requesting the committee members to provide their inputs.*
3. *In the case of IS 9985, the active content is measured by cationic titration as defined in Annex C of IS 4956: 2002. The molecular mass of Sodium linear alkyl benzene sulphonate is required as a data point for this method and is determined separately in Annex D. This makes the active content determination very tedious. A simpler spectroscopic method is described in ASTM-D1768-89-2016 (attached to the mail). This appears to be a simpler, non-destructive method. It can be evaluated and recommended as an alternate method for active content determination in IS 9985.*
4. *I need some more time to evaluate IS 13933 and revert back soon.*

After discussion, the committee requested Dr Doss to provide draft documents for circulation amongst members of the concerned Subcommittee i.e. CHD 25:SC2 and decided to initiate further necessary actions based on the recommendations from the subcommittee.

In 25th meeting of CHD 25 : SC 2, the subcommittee considered the draft document received from Dr Doss for revision of IS 8401:1994 (as given below):

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After deliberation, the subcommittee recommended that the draft document received for revision of IS 8401 may be issued in Wide circulation. Additionally, it was decided that after incorporating format and style changes in IS 9985:1992 and IS 13933:1995, these can also be issued in Wide Circulation.

In 40th meeting of CHD 25, the committee considered the proposals of the subcommittee and decided to issue the above documents in WC for 2 months in priority II.

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:



The committee also reviewed the comments received from Dr. Doss Jayaprakash on the draft documents prepared for revision of IS 9985:1992, as given below:

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Recognizing the need for further inputs for the revision of standard, 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

On 21st August 2024, HUL shared the following comments on IS 8401:1994 Alkyl Benzene Sulphonic Acid (Acid Slurry) — Specification:

1. We should retain Klette method — it is still in practice and propose retaining same.
2. Can we have UOP 673 as additional/alternate method or molecular weight determination
3. The other suggestion is that *whether Acid indicator can be used in the test of purity since* *Methylene Blue does not give a clear indication of the end point resulting in conflicting results.”*

**In the 27th meeting of CHD25:SC2, the following updates were noted:**

* Dr Doss mentioned that IS 8401:1994 and IS 9985:1992 were reviewed recently. However, in view of request received for inclusion of flakes and liquid forms of the materials, these documents are again being reviewed. He urged members to share relevant data and technical inputs for revision of the IS 8401 and IS 9985. Comments received from HUL are also being examined.
* Dr Sivakumar from IHPCIA mentioned that he has requested inputs from IOCL and other members for revision of IS 13933:1995; and further updates will be shared shortly.

During the 42nd meeting, the committee 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

Additionally, the committee requested the panel led by Dr. Sivakumar from IHPCIA to provide a draft document for the revision of:

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

The committee requested the respective 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.

However, a response from the panel led by Dr. Sivakumar from IHPCIA, via an email dated 9th October 2024, regarding the draft revision of *IS 13933:1995 (Method of Test for Ready Biodegradability of Surface Active Agents (Modified Sturm Test)* has been provided and is placed below:



The response from the panel led by Dr. Doss Jayaprakash is still awaited.

**The committee may DISCUSS and DECIDE.**

# COMMENTS ON PUBLISHED STANDARDS

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

During the 42nd meeting, 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.

Accordingly, A response has been received from **Mr. Sivakumar, P&G** via email dated **19th September, 2024, regarding the definition of “Active Ingredients” in the BIS standard IS 4955 on Detergent Powder.**

As you are aware, the existing Detergent Powder standard considers only Surface Active Agents as Active Ingredients. However, there are many reasons to include Bleach, Enzymes, Polymers under the definition of “Active Ingredients”.

Rationale for expanding the definition of “Active Ingredients” in the BIS standard IS 4955 on Detergent Powder:

* From the sustainability point of view, the biggest contributor of the powder detergent carbon footprint is LAS. Having a 10% minimum level of surfactancy may hinder the ability to improve the sustainability of powder detergents.  LAS replacements are more mass efficient surfactants, and other cleaning ingredients, such as enzymes, oxygen bleach, cleaning polymers that help to provide stain removal and cleaning.
* Surfactants mainly work on hydrophobic soil removal and improve wetting by lower water surface tension. However, there are many other types of soil they cannot simply be removed with surfactants only. Particulate soils (such as clays, dust, or air pollutants), highly coloured food stains, also need polymers, bleach and enzymes to aid their removal from clothes, as well as a polymeric system to protect the surfactants from the effect of water hardness and to prevent the redeposition on the fabrics from the soil removed by the surfactant.
* Recent investigations show that multi-enzyme systems may replace up to 25% of a laundry detergent’s surfactant system without compromising the cleaning effect. This leads to a more sustainable detergent that allows cleaning at a low wash temperature.
* Most of the energy spent during a household machine wash is used to heat the water. Thus, the most efficient way to save energy and thereby reduce carbon dioxide emissions is to lower washing temperatures. The wide spectrum of enzymes that are available today, combined with a choice of appropriate other ingredients such as surfactants and bleaching systems specifically selected to work at low temperatures, has enabled manufacturing of cold-water detergents.
* Inclusion of other Actives like "surface active agents, cleaning polymers beyond polyacrylate, bleaching agents, bleach activators, enzymes, hueing dyes, optical brighteners, anti-redeposition polymers and chelants" under the definition of Active Ingredients will further enable our journey towards a sustainable use of detergents and a better future.
* Enforcing a minimum level of 10% of active surfactant should come with clear guidelines on recommended dosage, a national effort to educate consumers on the right dose according to the condition and wash habit so that this could enable a concerted industry led detergent compaction in India.

**Please find below the draft document provided by Mr. Sivakumar from P&G for the committee's reference:**



The committee may **DISCUSSED.**

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

In 41st meeting, the committee considered the following comment received on IS 10523:2014



In the IS requirement of description at Cl 4.1 is given which is reproduced below:

***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.*

In the Grant of Licence compliance to this parameter (particularly for soap to be thoroughly saponified) is required to be ensured. However, no test method to check the compliance of this requirement has been laid down.

The committee accepted that the parameter and method of test for saponified matter have not been specified and 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’.

Subsequently, BIS Certification Marks Department -II had also commented on the requirement of Dermatological safety for baby toilet soaps and mentioned that as of now the requirement is optional as given under the Criteria for Eco mark. It has been 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.



In 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.

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.

As decided in the 42nd meeting, the draft document for the revision of the **IS 10523: 2014 ‘Baby Toilet Soap — Specification’** to be provided by Mr. Mandar from JNTL, is still awaited.

**The committee may DISCUSS and DECIDE.**

* 1. During the 42nd meeting, 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 term 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.

**The committee may NOTE.**

* + 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.

During the 42nd meeting, the committee after considering these facts, decided to reject the comments.

**The committee may NOTE.**

* + 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.

During the 42nd meeting, the committee after considering these facts, decided to reject the comments.

**The committee may NOTE.**

* 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:



In 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.

During the 43rd meeting, IOCL suggested shifting the IS 12795 to PCD 9. Subsequently, the following are the major supporting issues:

1. Linear alkylbenzene (LAB) is an organic compound and being manufactured at Petrochemical plant with Kerosene and Benzene as Feedstock.
2. Its expertise group is mainly available in PCD9, in view of all petrochemical plant experts available at PCD9 only.

The committee may **DISCUSS** and **DECIDE** further course of actions**.**

# NEW SUBJECTS

* 1. In 41st meeting, the committee considered the new subjects identified in the Strategic Roadmap document and decided to create the following Working Groups for providing relevant working drafts on the subjects including methods of tests wherever required latest by next 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 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

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

**In 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 hald-day workshop is being organized along with CHD 25 meeting.**

During 42nd meeting, the committee decided that 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.

The committee may **DISCUSS.**

* 1. **Horizontal standard for soaps**

**During the 42nd meeting,** 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.

Ms. Priti 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.

**Suggested proposal on the above subject are mentioned below:**

* Standards evolve with changing societal contexts and must drive innovation, resource efficiency, while ensuring that consumers get safe and effective products
* The landing page of BIS website quotes Jawaharlal Nehru – “Step Out from the Old to the New”, and Satyanarayan Gangaram Pitroda “Invent a New India Using Knowledge”.
* The UN Sustainable Goal 12 (SDG 12) is about [ensuring sustainable consumption and production patterns](https://www.bing.com/ck/a?!&&p=2b5419c2e50f3124JmltdHM9MTcyMjk4ODgwMCZpZ3VpZD0zZmNhZTQ0Yy1kY2Y4LTZlNDktMGM4MC1mNzU1ZGQwMDZmMmUmaW5zaWQ9NTg3MA&ptn=3&ver=2&hsh=3&fclid=3fcae44c-dcf8-6e49-0c80-f755dd006f2e&psq=SDG+12&u=a1aHR0cHM6Ly9lbi53aWtpcGVkaWEub3JnL3dpa2kvU3VzdGFpbmFibGVfRGV2ZWxvcG1lbnRfR29hbF8xMg&ntb=1). [SDG 12 encourages more sustainable consumption and production patterns through various measures, including specific policies and international agreements on the management of materials that are toxic to the environment](https://www.bing.com/ck/a?!&&p=7b56a2b0404cd31fJmltdHM9MTcyMjk4ODgwMCZpZ3VpZD0zZmNhZTQ0Yy1kY2Y4LTZlNDktMGM4MC1mNzU1ZGQwMDZmMmUmaW5zaWQ9NTg3Mw&ptn=3&ver=2&hsh=3&fclid=3fcae44c-dcf8-6e49-0c80-f755dd006f2e&psq=SDG+12&u=a1aHR0cHM6Ly93d3cudW5lcC5vcmcvZXhwbG9yZS10b3BpY3Mvc3VzdGFpbmFibGUtZGV2ZWxvcG1lbnQtZ29hbHMvd2h5LWRvLXN1c3RhaW5hYmxlLWRldmVsb3BtZW50LWdvYWxzLW1hdHRlci9nb2FsLTEy&ntb=1). [The goal aims to do more and better with less, decouple economic growth from environmental degradation, increase resource efficiency, and promote sustainable lifestyles](https://www.bing.com/ck/a?!&&p=89b163eb7b167e17JmltdHM9MTcyMjk4ODgwMCZpZ3VpZD0zZmNhZTQ0Yy1kY2Y4LTZlNDktMGM4MC1mNzU1ZGQwMDZmMmUmaW5zaWQ9NTg3NQ&ptn=3&ver=2&hsh=3&fclid=3fcae44c-dcf8-6e49-0c80-f755dd006f2e&psq=SDG+12&u=a1aHR0cHM6Ly93d3cuY2FuYWRhLmNhL2VuL2VtcGxveW1lbnQtc29jaWFsLWRldmVsb3BtZW50L3Byb2dyYW1zL2FnZW5kYS0yMDMwL2NvbnN1bXB0aW9uLXByb2R1Y3Rpb24uaHRtbA&ntb=1)
* At the 2021 UN Climate Change Conference (UNFCCC COP26), Hon’ble Prime Minister of India Shri Narendra Modi announced Mission LiFE, to bring individual behaviours at the forefront of the global climate action narrative. LiFE envisions replacing the prevalent 'use-and-dispose' economy—governed by mindless and destructive consumption—with a circular economy, which would be defined by mindful and deliberate utilization
* In 1992, when the Bathing bar standard was first published, the scholarly committee recognized that compositional standard based primarily on the total fatty matter (TFM) does not necessarily correspond to the performance of toilet soaps. It quotes “The performance of soap depends more on the type of fatty matter present rather than the total fatty matter in the soap. For example, the solubility of soap depends on the characteristics of the fatty acids, namely chain length, unsaturation and on the cation. Further the use of acceptable non-soap surface active agents would result in the substitution of oils and fats which are scarce”
* Over the past 3 decades there have been substantial innovations in soap and detergent ingredients & technologies and a significant growth in scientific understanding of soap as soft solid matter, which have further dispelled the myth of fatty matter’s significance to soap and/ or bathing bar
* In fact, research has established that in a soap bar fatty matter compartmentalizes into the ‘cleansing liquid’ (mortar) and structure holding bricks. During bathing, only the mortar participates in the function of cleansing (lathering, cleaning etc.) and the solid ‘brick’ particles are simply washed down the drain, adding to the treatment burden of domestic waste waters (1, 2). As a nation, therefore we are wasting considerable precious resource by continuing to propagate that fatty matter is of primacy in the context of soaps and bathing bars
* Vegetable oils, including palm oil, remain major constituents of fatty matter in soaps and bathing bars. These are precious resources and are needed for food security as well. In addition, demand for these resources is also increasing from bio energy sector.
* Innovations that promote resource efficiency and contribute to reducing environmental impact are critical for a sustainable future.
* Horizontal standards can provide an excellent opportunity to unleash resource efficient innovations in skin cleansing category which provides for basic hygiene and cleansing needs of 1.4 billion Indians.
* Horizontal standards are a progressive modern approach adopted very well across EU, ASEAN and several other countries. Recently Arabia has adopted horizontal standard for soaps – GSO 2640\_2021 (3).
* Given the context of CHD and its strategic roadmap as well as BIS focus on modernizing standards, this will be crucial initiative to undertake.

**Reference:**

* Raut, Janhavi S., et al. "Soap: The polymorphic genie of hierarchically structured soft condensed-matter products." *Industrial & engineering chemistry research* 47.17 (2008): 6347-6353:

[Soap: The Polymorphic Genie of Hierarchically Structured Soft Condensed-Matter Products | Industrial & Engineering Chemistry Research (acs.org)](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fpubs.acs.org%2Fdoi%2Fabs%2F10.1021%2Fie0714753&data=05%7C02%7CPriti.Chodankar%40unilever.com%7C71d6b5392d144e15425a08dcc0e1dfc9%7Cf66fae025d36495bbfe078a6ff9f8e6e%7C1%7C0%7C638597323550358559%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C0%7C%7C%7C&sdata=dHu4r1iA%2F4RNzGeCEuUUgLY3kryBB%2FrJQO9irJwqdJ8%3D&reserved=0)

* ‘Revisiting the role of total fatty matter in soap bars’ 16 June 2023



* Gulf Standard – GSO 2640\_2021



However, during the meeting, 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.

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

Ms. Priti and Dr Sivakumar have requested to share more insights on the subject. They have been requested to share a presentation/ background document well in advance for enabling members to consider the proposal.

**The committee may DISCUSS.**

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

During the 42nd meeting, **Mr. Ritum Jain** mentioned that while there is a specification for **Liquid Toilet Soap** in BIS (**IS 4199:2001**), there is no specification for **Synthetic Detergent-Based Hand Wash**, and suggested that such a specification be introduced.

On reviewing 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’.

Therefore, the committee therefore requested Dr Manoj Gaur to provide the initial working draft at the earliest and rejected the proposal of Mr Ritum Jain.

**The committee may DISCUSS.**

# 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 of CHD 25, the committee finalized the document for revision of IS 10758:1983 for publication. However, BIS Secretariat had certain observations during the processing of document as given below:



CHD 25:SC 2 reviewed the observations and decided to establish an expert panel to thoroughly look into BIS Secretariat’s observations and provide recommendations. The composition of the Panel is given below:

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

The Panel was also advised to look into IS 1061 for any required modifications.

The Panel CHD 25:SC 2 : P1 had four meetings and considered the following aspects:

1. The product under reference is essentially a disinfectant fluid, which, with the help of de-odourizing ingredients, suppresses the foul smell emitted due to the decomposition/ decay of bacteria, fungi or biomass. Furthermore, since the products covered under the current standard are phenolic type disinfectant fluids, the characteristics of the product should be similar to those provided by another Indian Standard i.e. 1061:2017 ‘Disinfectant fluids’.
2. Noting that IS 1061 was revised recently, the Panel considered that this standard seems to be more relevant to disinfectant fluids and is updated. In draft document for revision of IS 10758:1983, additional requirements for mercury compound and stability on storage have been incorporated, which are also covered in IS 1061:2017.

Requirements for volatile matter and flash point (Abel) are additional requirements in IS 10758 which are not covered in IS 1061:2017. These requirements should be part of IS 1061. De-odourizing products require having the characteristics of ‘Persistence of Odour’ which can very well incorporated in IS 1061 as an additional requirement.

In view of the above, the panel recommended as given below:

1. to amalgamate IS 10758 with IS 1061 to have a single comprehensive standard, as the products covered in these standards are essentially disinfectant fluids. IS 10758 covers de-odourizing-cum-disinfectant fluids where in de-odourizing ingredients are used to suppress the foul smell emitted due to the decomposition/ decay of bacteria, fungi or biomass.
2. the products covered under the current standard are phenolic type disinfectant fluids, the characteristics of the product should therefore be similar to those provided by another Indian Standard i.e. 1061:2017 ‘Disinfectant fluids’.
3. IS 1061 was revised recently and seems to be more relevant to disinfectant fluids and is updated. The additional requirements of mercury compound and stability on storage given in IS 10758:1983 may be incorporated in the standard during amalgamation. Certain requirements that are applicable for de-odourizing material may be incorporated.
4. IS 1061 was revised recently and seems to be more relevant to disinfectant fluids and is updated. The additional requirements of mercury compound and stability on storage given in IS 10758:1983 may be incorporated in the standard during amalgamation. Certain requirements that are applicable for de-odourizing material may be incorporated.
5. The title of the standard may be “Disinfectant Fluids – Phenolic Type” as disinfectants other than phenolic type are also available in the market and BIS has developed standards for these products such as Quaternary Ammonium Compound Based Surface Cleaner Liquid Specification.
6. Consider the given draft for issuance into WC:



1. **To withdraw the CHD 25 (19008) WC, if the proposal relating to amalgamation is agreed to.**

During 41st meeting of CHD 25, the committee considered the recommendations from the panel and decided as given below:

1. To circulate the draft document to members seeking their comments/ inputs on the amalgamation of the standards within 15 days, and
2. To issue the draft document for revision of IS 1061:2017 in WC for 2 months under priority 2 (after incorporating changes agreed to), if no adverse comment is received against the amalgamation of the standards.
3. Comments received, if any, on amalgamation of standards will be discussed in the next meeting for further necessary actions including withdrawal of the draft document for revision of IS 10758 i.e. CHD 25 (19008) WC from the meeting.

Accordingly, the draft document was circulated to committee members seeking their comments/ inputs. As no comments/ inputs were received, **the draft document [Doc No.: CHD 25 (26344) WC], as given below, has been issued in the WC for a period of two months.**

****

**It is relevant to mention that** in the 41st meeting, the committee considered the comment received on IS 1061:2017 which states that ‘temperature of 121 degree centigrade at 1 atm for pure water cannot be achieved’. The committee accepted the comment and decided to issue an amendment for the requirement modifying as given below:

“as *sterilize the broth in bulk, either by autoclaving once for 20 at 121 degree and 15 psi*”

**Since draft document for revison of IS 1061 has been issued which has also incorporated the above modification, there is no longer a need to issue a separate amendment to IS 1061.**

**Further, it is also proposed to organize a national workshop for the manufacturers of the disinfectant fluids to dessimenate and get feedback on the document preferrable in the last week of Sept 2024.**

Accordingly, a national level stakeholder consultation on the document was held on 1st October, 2024, in Hybrid mode. To get feedback on the document

Additionlly, a meeting of the expert working group on the Review of IS 1061 'De-ordourizing cum disinfectant fluids – specification' is scheduled for 12th November 2024 in virtual mode.

The modified document, incorporating deliberations from the expert working group meeting, is placed below.



The committee may **DISCUSS** and **DEICIDE.**

# FINALIZED DRAFT STANDARDS/AMENDMENTS UNDER PRINT

The following draft standards/ amendments finalized for publication are under print:

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl No.** | **Document No. with IS Number** | **Title** | **Status** |
| 1 | CHD/25/19459  Revision of IS 5785 : Part 3: 1970 | Surface Active Agents — Methods of Test Part 3 Foaming Power ( First Revision ) | Under print |

# REVIEW OF INDIAN STANDARDS

* 1. **Review and reaffirmation**

In accordance with the BIS Rules, all established Indian Standards are to be reviewed periodically, at least once in five years from publication / last reaffirmation, to assess their continued suitability and determine whether they need to be reaffirmed, amended, revised or withdrawn.

**The committee may NOTE**

* 1. As per BIS guidelines the review of each and every existing Indian standard shall follow the Action Research based approach. This implies that preparation of a Review Document to be put up to the committee for consideration must be preceded by the following activities:

1. Study and analysis of relevant international standards.
2. Literature survey on the subject.
3. Study of changes in the technologies, manufacturing processes or test methods.

The Action Research for the review of standards can be assigned to the members of the Sectional Committee, sub-committee or working panel, academic or research, institution, industry association, a specific industry or ministry and an organization, there under. The Sectional Committee shall decide the individuals or organizations to be assigned Action Research projects.

After proper review of standard as indicated above, if member/panel/member secretary whom the standard has been allocated felt that revision is required in the standard, the draft for revision of standard shall be submitted within given timeline. Any secretarial assistance, if required by the member shall be provided by secretariat.

The committee may **NOTE.**

* 1. **Current status of Indian Standards that were due for review in 2023-2024 and that are becoming due for review in 2024-25, and are still pending for actions**:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No** | **IS Number** | **IS Title** | **Due Date** | **Decision taken in the last meeting** |
|  | 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 and 42nd meeting, the committee considered the current status and requested Mrs Priti (HUL) to complete the review within the stipulated time period.  It was noted that inputs are still awaited. |
|  | 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.  During the 42nd meeting, the committee considered the current status and requested Dr Doss to complete the review within the stipulated time period.  Inputs are still awaited. |
|  | 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.  During the 42nd meeting, 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.  Inputs are still awaited. |
|  | 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.  During the 42nd meeting, 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.  Inputs are still awaited. |
|  | 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.  During the 42nd meeting, 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.  Inputs are still awaited. |
|  | 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.  During the 42nd meeting, 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.  Inputs are still awaited. |
|  | 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.  During the 42nd meeting, 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.  Inputs are still awaited. |

The committee may **DISCUSS.**

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

During the 40th meeting, the committee endorsed the ToRs finalized for R&D projects, as given below:

1. **Green labelling of soaps and detergents** — for development of new standard(s)
2. Revision of IS 4199:2001 **‘Liquid Toilet Soaps — Specification’**
3. Revision of IS 5784:2001 **‘Shaving Soap — Specification’**
4. Revision of IS 10523:2014 **‘Baby Toilet Soap — Specification’**
5. Revision of IS 12795: 2020 **‘Linear Alkyl Benzene — Specification’**
6. Revision of IS 13370:1992 **‘Linear Fatty Alcohols for surface active agents — Specification’**
7. Revision of IS 15072:2002 **‘Sodium Alpha Olefin Sulphonate for cosmetic, detergent and other industrial use — Specification’**
8. Revision of IS 15267:2003 **‘Zeolite detergent Grade — Specification’**

   

   

The approved ToRs have been sent to concerned department in BIS for further processing.

Further, the committee nominated **Dr R K Jha** (*Consumer Voice*) and **Dr Ashok Mahindru** (*Oil Technologists’ Association of India*) as representatives of CHD 25 for the Research Evaluation Committee (REC) to evaluate and monitor the progress of R&D projects.

BIS has recently issued the Revised Guidelines for R&D Projects, as given below:



Considering that Consumer Voice has communicated revised nominations and Dr R K Jha is no more a member of the committee, the committee may decide to change the nominations for REC.

Furthermore, CHD25:SC1 has recommended that R&D may not be required in the case of IS 10523:2014.

During the **42nd meeting,** the committee took note of the information 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 1 and decided to drop “revision of IS 10523:2014 **Baby Toilet Soap — Specification” from the list of R&D projects.**

The Committee may **NOTE.**

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

During the 42nd meeting, the committee reviewed a report submitted by an intern from HBTU, the intern was assigned to review IS 1064: 2009 as part of their internship.

The intern's review involved:

- Literature review

- Industry and laboratory visits

- Collecting information from industry stakeholders through a questionnaire

The committee discussed the review's findings, which will be incorporated into the standard. The report is attached separately.

The committee decided to refer the report to the concerned panel (formerly subcommittee) for further review and recommendations

The committee also appreciated the intern's efforts in reviewing the standard, acknowledging their valuable contributions.

**The committee may NOTE.**

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

During the 42nd meeting, the committee reviewed a report submitted by an intern from ICT, the intern was assigned to review IS 12467 : 1989 as part of their internship.

The intern's review involved:

- Literature review

- Industry and laboratory visits

- Collecting information from industry stakeholders through a questionnaire

The committee discussed the review's findings, which will be incorporated into the standard. The report is attached separately.

The committee decided to refer the report to the concerned panel (formerly subcommittee) for further review and recommendations

The committee also appreciated the intern's efforts in reviewing the standard, acknowledging their valuable contributions.

**The committee may NOTE.**

# INTERNATIONAL ACTIVITIES

* 1. **General**

International Organization for Standardization (ISO) develops consensus-bases voluntary International standards with a view to facilitate cross border trade of goods and services. BIS being the national standards body represents India in the ISO. In accordance with the ISO procedures, a member can decide to be either a ‘Participating Member’ (P) or an ‘Observer Member’ (O). While both ‘P’ and ‘O’ members have access to all documents that are under development or already developed and can raise concerns on any of these documents, a ‘P’ Member has an obligation to vote on all the documents relating to New Proposals for formulation of International Standards, Committee Drafts, Draft International Standards, Finalized Draft International Standards and Systematic Review of International Standards, representing their national position.

**The Committee may NOTE the information.**

* 1. India is a ‘P’ member on ISO/TC 91 *‘Surface Active Agents’.* Soaps and other surface active agents,

Sectional Committee, CHD 25 is also acting as the National Mirror Committee to ISO/ TC 91.

**The Committee may NOTE the information.**

* 1. India, as ‘P’ member of ISO/TC 91, receives all documents that are being discussed in the concerned ISO committee and it is obligatory on part of India to cast ballot on all such documents. The votes can be cast with or without comments within the stipulated time. As per the present practice, the documents are circulated to all members of CHD 25 for their perusal and comments with a request to examine and provide their comments/ inputs on the documents keeping view of Indian stakes. It is expected that the documents received from the ISO are appropriately examined by all stake-holders to voice concerns of Indian stakeholders at the international for a. It is also expected that comments from members are received within stipulated time period to facilitate compilation and preparing viewpoints so that balloting be done by the due date.

The Committee may **NOTE** the information.

* 1. **Ballots at ISO/TC 91**

The following ballot was under consideration since last meeting:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl No.** | **Type** | **Reference** | **End date** | **Status & Vote** |
|  | CIB | Revision ISO 21703 - Call for experts | 2024-11-01 | Closed  Approved — Expert nominated (Dr. Guru Prasad KV) |
|  | CIB | Nomination of new convenor of WG2 | 2024-12-03 | Closed & Disapproved  \*As per **Clause 1.12.1** of ISO/IEC Directives Part 1, the appointment or change of Working Group (WG) Convenors is the responsibility of the committee, not the National Body or liaison. Furthermore, in the event of a Convenor's resignation, the Secretary/Committee Manager must launch a formal call to identify new candidates or decide in a committee meeting.  In this instance, these directives have not been followed. BIS, therefore, requests the Secretariat to withdraw the current ballot and initiate a call for candidates in compliance with the established procedures.  In addition, BIS would like to nominate Ms. Rupinder Kaur Rawar for the Convenor position of WG 2 'Microbiology.' Her CV, highlighting her qualifications and expertise in the field, will be shared separately, if desired so. |
|  | NP | ISO/PWI 24287 | 2024-12-23 | Open |
|  | CD | ISO/CD 4323  Soaps — Determination of chloride content — Potentiometric method | 2025-01-08 | Open |

During the 42nd meeting, the committee noted that in the 41st meeting, the **SR ballot on ISO 21703:2019**, *“Surface Active Agents — Microbiology — Microbiological Test Methods for Liquid Hand Dishwashing”*, was reviewed in depth, and India made a significant contribution.

The committee further acknowledged the approval of the nomination of **Mrs. Rupinder Kaur Rawat** as the project leader in case ISO decides to take up the revision of *ISO 21703:2019*. It was also noted that a **Committee Internal Ballot (CIB)** has been launched by **ISO/TC 91** to decide whether to proceed with the revision.

The committee endorsed the response submitted by the BIS Secretariat to the CIB ballot.

# The commenting template is placed below:

# 

# Important Notice:

# BIS has developed a portal for dissemination, compilation and consolidation of inputs on the ISO ballots. Members are advised to share their comments on the ballots through BIS portal only.

# The Committee may CONSIDER and DECIDE on the ballot.

* **Discussion on ISO Ballots**

During the 43rd meeting, the committee noted that ISO TC 91 Secretariat has informed, vide email dated 19th Oct 2024 that BIS had voted to revise ISO 4318, ISO 4320, ISO 4322, ISO 6121, ISO 6387, ISO 8214, ISO 8215 and ISO 17293-1 in accordance with the Result of Voting. BIS has been requested to express its interest in leading the revision or amendment of these standards. In such cases, the ISO Secretariat has requested that BIS submit its decision, along with the usual required information, for a potential CIB (Committee Internal Ballot) on the revision/amendment.

* Confirmation of scope \*
* PL with details (to be registered in the GD)
* Chosen SDT with project plan (target dates on major stages of development)
* Stage to start at e.g. WD, CD or DIS
* WG that will develop the project (if any)
* SDG(s) the standard is addressing

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sl No** | **Type** | **Reference** | **End date** | **Status & Vote (In the last meeting)** | **Expert nominated** | **Remarks** |
|  | 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: | *Ms Seema Yadav* | India was the only country that voted on this ballot. |
|  | 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: | *Ms. Seema Yadav* | 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: | *Dr Guruprasad* | India was the only country that voted on this ballot. |
|  | 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: | *Ms Seema Yadav* | India was the only country that voted on this ballot. |
|  | 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: | *Ms. Seema Yadav* | India was the only country that voted on this ballot. |
|  | 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: | *Dr. Guru Prasad KV* | 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: | *Dr. Guru Prasad KV* | Iran, Islamic Republic of (INSO) |
|  | 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: | *Mr. A. Sivakumar* | Iran, Islamic Republic of (INSO) |

The committee deliberated on the issue and decided to express India interest to ISO TC 91 for taking up the project leadership/ convenorship for these projects.

Further, BIS Secretariat was advised to circulate the above mentioned 8 ISO documents seeking expression of interest from members for project leadership position or expert position latest by 10th Nov 2024. Indian experts that are not a member of the committee may also be proposed for these positions. Thereafter, a final decision on ISO proposal will be taken up.

The committee has decided to confirm ISO regarding India’s interest in taking up the leadership position for these projects with ISO.

A proposal for project leadership to revise certain ISO standards is provided below:



The Committee may **NOTE.**

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

During the 43rd meeting, the committee noted that the next meeting of ISO TC 91, along with its Working Groups, is scheduled to be held from **27th to 29th November 2024.** Recognizing the importance of India’s participation to represent national perspectives on key issues, the committee decided to send an Indian delegation to attend these meetings.

The **draft agenda** for the ISO/TC 91 plenary meeting has been received, and the agendas for the Working Group meetings are expected to be shared by the respective experts nominated to these Working Groups.

 

Additionally, the committee noted that the following Working Groups have planned meetings in the near future, including:

1. **ISO TC 91/WG 1 7th meeting 4th Nov 2024**
2. **ISO TC 91/WG 1 8th meeting 27th Nov – 29th Nov 2024**
3. **ISO TC 91/AHG 1 2nd meeting 27th Nov – 29th Nov 2024**
4. **ISO TC 91/WG 3 9th meeting 27th Nov – 29th Nov 2024**
5. **ISO TC 91/WG 4 9th meeting 27th Nov – 29th Nov 2024**
6. **ISO TC 91/WG 5 2nd meeting 27th Nov – 29th Nov 2024**

The committee reviewed the list of members from **CHD 25** or its subcommittees currently nominated to ISO/TC 91 and its working groups:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No.** | **Reference** | **Title** | **Type** | **Experts nominated** |
| 1. | ISO/TC 91 | Surface active agents | TC | 1. HCHD 2. Chairperson CHD 25 3. Member Secretary CHD 25 |
| 2. | ISO/TC 91/AHG 1 | Long term strategy including sustainability | WG | 1. Shri Sanjay Trivedi, IHPCIA 2. Prof Dr R K Trivedi, In Personal capacity |
| 3. | ISO/TC 91/WG 1 | Analytical methods | WG | 1. HCHD 2. Dr. Doss Jayaprakash, ITC 3. Dr. Manoj Gaur, Godrej Consumer Products Ltd |
| 4. | ISO/TC 91/WG 3 | Bio-surfactants | WG | 1. HCHD 2. Chairperson, CHD 25 3. Shri Saurabh Arun, Novozymes South Asia Pvt Ltd 4. Shri Pramod, Galaxy Surfactants Ltd 5. Ms Priti Chodankar, HUL 6. Prof Dr R K Trivedi, In Personal capacity |
| 5. | ISO/TC 91/WG 4 | Liquid Laundry Detergent Capsules | WG | 1. Ms Seema Yadav, HUL 2. Dr. Manoj Gaur, Godrej Consumer Products Ltd |
| 6. | ISO/TC 91/WG 5 | Vocabulary | WG | 1. Shri Sanjay Trivedi, IHPCIA |

The committee also reviewed the current status of various ISO standards that are either in development or would require revision, is given below:



The plenary of ISO TC 91 held during 13-14 June 2023 was attended remotely by the following Indian delegation:

1. *Dr. P. K.S. Yadav, Chairperson CHD 25*
2. *Smt. Shraddha Srivastava, CDSCO*
3. *Shri Benny G Jacob, Fena Private Limited*
4. *Ms Seema Yadav, Hindustan Unilever Ltd*
5. *Dr Doss Jayaprakash, ITC*
6. *Shri Sanjay Trivedi, IHPCIA*
7. *Shri Vinod Kumar, NTH*
8. *Shri Virendra Singh, Member Secretary CHD 25*

After deliberation, the committee finalized the following Indian delegation for the ISO/TC 91 Plenary Meeting **(27th–29th November 2024):**

1. *Prof. (Dr.) P. K.S. Yadav,* ***Chairperson CHD 25***
2. *Dr Doss Jayaprakash, ITC,* ***Convenor CHD 25 P : 01***
3. *Ms. Rupinder Kaur Rawat, Godrej Consumer Products Limited, Mumbai****, Convenor CHD 25 ; P02***
4. *Shri Benny G Jacob, Fena Private Limited,* ***Convenor CHD 25 ; P03***
5. *Shri Sanjay Trivedi, IHPCIA*
6. *Dr. Rajiv Jha, Consumer Voice, New Delhi*
7. *Prof. (Dr.) R K Trivedi, In Personal Capacity*
8. *Ms Seema Yadav, Hindustan Unilever Ltd*
9. *Dr. Guru Prasad KV, ITC Limited, Kolkata*
10. *Mr. Manoj Gaur, Godrej Consumer Products Limited, Mumbai*
11. *Mr. Parmod Sabat, Galaxy Surfactants Limited, Mumbai*
12. *Mr. Saurabh Arun Srivastava, Novozymes South Asia Private Limited, Mumbai*
13. *Ms. Jasmin Kalra, Reckitt Benckiser India Private Limited, Mumbai*
14. *Virendra Singh,* ***Member Secretary, CHD 25***

And requests experts nominated on the following working groups to share the agenda for the meetings given below:

1. **ISO TC 91/WG 1 7th meeting 4th Nov 2024**
2. **ISO TC 91/WG 1 8th meeting 27th Nov – 29th Nov 2024**
3. **ISO TC 91/AHG 1 2nd meeting 27th Nov – 29th Nov 2024**
4. **ISO TC 91/WG 3 9th meeting 27th Nov – 29th Nov 2024**
5. **ISO TC 91/WG 4 9th meeting 27th Nov – 29th Nov 2024**
6. **ISO TC 91/WG 5 2nd meeting 27th Nov – 29th Nov 2024**

The committee also decided to hold briefing meeting for Indian delegation on **22nd November 2024** for deciding Indian position on various issues to be discussed in the plenary or other meetings.

During the briefing meeting, considering the agenda for the ISO/TC 91 plenary and related meetings, the delegation for the ISO meeting was finalized. The finalized Indian delegation is placed below for the committee's reference:



A report on contribution by the Indian delegation will be presented During the meeting.

The committee may DISCUSS and APPROVE the Indian delegation and the participation report.

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

1. The working structure of ISO TC 91 is given below:

| **Sl. No.** | **Reference** | **Title** | **Type** |
| --- | --- | --- | --- |
| 1. | ISO/TC 91 | Surface active agents | Technical Committee |
| 2. | ISO/TC 91/AHG 1 | Long term strategy including sustainability | Working group |
| 3. | ISO/TC 91/WG 1 | Analytical methods | Working group |
| 4. | ISO/TC 91/WG 3 | Bio-surfactants | Working group |
| 5. | ISO/TC 91/WG 4 | Liquid Laundry Detergent Capsules | Working group |
| 6. | ISO/TC 91/WG 5 | Vocabulary | Working group |

1. Currently, the following members of CHD 25 or its subcommittee are nominated on the given ISO TC 91 and/or its WGs:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No.** | **Reference** | **Title** | **Type** | **Experts nominated** |
| 1. | ISO/TC 91 | Surface active agents | Technical Committee | 1. HCHD 2. Chairperson CHD 25 3. Member Secretary CHD 25 |
| 2. | ISO/TC 91/AHG 1 | Long term strategy including sustainability | Working group | 1. Shri Sanjay Trivedi, IHPCIA 2. Prof Dr R K Trivedi, In Personal capacity |
| 3. | ISO/TC 91/WG 1 | Analytical methods | Working group | 1. HCHD 2. Dr. Doss Jayaprakash, ITC 3. Dr. Manoj Gaur, Godrej Consumer Products Ltd |
| 4. | ISO/TC 91/WG 3 | Bio-surfactants | Working group | 1. HCHD 2. Chairperson, CHD 25 3. Shri Saurabh Arun, Novozymes South Asia Pvt Ltd 4. Shri Pramod, Galaxy Surfactants Ltd 5. Ms Priti Chodankar, HUL 6. Prof Dr R K Trivedi, In Personal capacity |
| 5. | ISO/TC 91/WG 4 | Liquid Laundry Detergent Capsules | Working group | 1. Ms Seema Yadav, HUL 2. Dr. Manoj Gaur, Godrej Consumer Products Ltd |
| 6. | ISO/TC 91/WG 5 | Vocabulary | Working group | 1. Shri Sanjay Trivedi, IHPCIA |

It is pertinent mention here that active participation in the standardization activities at international level enables us to remain updated on the latest work at the international level as well as project Indian view points during development of Indian standards from the initial stages.

**The above-mentioned experts from CHD 25 have been registered on ISO Global Directory for the groups. Members may like to share information/ updates on the work of the Working Groups.**

**It may further be mentioned that it has been decided that Sectional Committee will identify their interest against each of the ISO NWIP, CD and DIS document; and nominated experts for high and medium level interest documents.**

The Member Secretary ( [chd25@bis.org.in](mailto:chd25@bis.org.in) ) is registered as document monitor and ballot monitor on ISO/TC 91 for monitoring the documents and ballots.

The Committee may **NOTE.**

* 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     1. 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.* 2. 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. |

During the 42nd meeting, 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*.*

**The committee may CONSIDER and DECIDE.**

* 1. **Liquid Laundry Detergent Capsules (New Subject)**

A Comments have been received on **Liquid Cleaner (for baby feeding plastic bottles and plastic, rubber, and silicon baby accessories)** from the following:

* + - 1. **Mr. Vikas Dixit** via email dated **28th November 2024**.



* + - 1. **Ms. Seema Yadav (HUL)** via email dated [insert date]. The comments are as follows:

1. We have IS standard for water soluble films (IS 16154 under PCD 12), wherein testing methods are given for various assessments like dissolution/disintegration and tensile strength of water soluble films. Similarly, if ISO has such standards for water soluble films, the appropriate reference should have been mentioned.
2. The size of capsule has to be prescribed so that it is not swallowed by the children even accidently. There has to be minimum diameter specified for size of capsules to avoid possible swallowing.
3. Since this guidelines focusing on safety aspects, better to prescribe the storage and handling criteria specified under labelling parameters for easy reference of countries.
4. There has to be specified list of all Aversive agent being used for film with their exact concentration. Common aversive agent, for example a bittering agent, includes but are not limited to, naringin, sucrose octaacetate, quinine hydrochloride, denatonium benzoate, or mixtures thereof. Any suitable level of aversive agent may be used in the film. Suitable levels include not less than 220 PPM.

The committee may **DISCUSS** and **DECIDE** further course of actions**.**

# 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.

## **The committee may NOTE.**

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

Please find below the details of standards published from the last date of meeting:

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **IS No. with Document number** | **Title** | **Publication Year** |
| 1. | CHD 25 (25033)  Amendment to IS 7532:2018 | Soft Soap – Specification | Punlished in September, 2024 |

The committee may **NOTE.**

# Stakeholder consultation by DPIIT for exploring possibilities of QCOs on soaps and detergents

# The Department for Promotion of Industry and Internal Trade, and Invest India held a roundtable discussion on? Soaps and Detergents? chaired by Shri Sanjiv, Joint Secretary DPIIT on November 26th, 2024. The objectives of the roundtable was:-

# To deliberate on measures to identify and limit the influx of low-quality imports of soaps and detergents, ensuring that only high-standard materials enter the domestic market

# To enhance domestic production capacity by identifying ways through which India can increase the production capacity of key raw materials within the country to reduce dependency on cheap material imports and strengthen the local supply chain

# To discuss capacity building initiatives that seek to enhance quality of products across value chain.

# To discuss possible interventions to promote usage, and production of sustainable alternatives, fostering an eco-friendly and resilient industrial ecosystem

1. **Key observations made during the deliberations:**

* Representative of BIS provided the following updates regarding the quality ecosystem for the industry:

1. BIS has issued standards for Soaps, Detergents and Surface Cleaners.
2. BIS is also exploring to formulate standards on Washing Preparations, Liquid Laundry Capsules and Concentrates, etc.
3. Quality Control Orders (QCOs) have been implemented for a few raw materials for Soaps and Detergents, including for Linear Alkyl Benzene (LAB) covered under a QCO issued by the Department of Chemicals and Petrochemicals.
4. Adequate testing infrastructure will be developed prior to QCO implementation.

# ANNUAL CALENDAR FOR TECHNICAL COMMITTEE MEETINGS

Annual calendar of meetings for the year **2024-25** as given below may kindly be considered and approved:

1. 45th meeting 06th March 2025 Physical mode

It is also proposed to have a workshop/ seminar along with the meeting. We may identify the topic for the workshop/ seminar and possible speakers.

The Committee may **DISCUSS** and **DECIDE.**

# ANY OTHER BUSINESS

* 1. **GUIDELINES FOR PRESENTING ‘BIS COMMITTEES OF THE YEAR’ AWARDS**

The BIS Committees of the Year Awards recognize the significant contributions and outstanding performance of BIS Sectional Committees in the development of Indian Standards. The award is open to all Sectional Committees and Sub-Committees of BIS, with one award being given annually to a committee under each Divisional Council. Nominations for the award may be submitted by any Sectional Committee (by the Chairperson or a Member) to the Member Secretary by **30th April** of the year. The selection process involves a committee review by the respective Divisional Council, followed by approval by the Director General of BIS. The awardees will be selected based on the defined criteria, and the Selection Committee may choose not to recommend a committee if it deems necessary. The final recommendations should be submitted to the Director General by **31st August**.



The committee may **NOTE**

# VOTE OF THANKS

**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** |
| **43rd** | 28-10-2024 | Virtual Meeting, (New Delhi, Delhi,India) |
| **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) |

**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** | | | |
| **41st** | **42nd** | **43rd** | **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 | **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 | **P** | **P** | **P** | **3/3** |
| 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 | **P** | **P** | **P** | **3/3** |
| 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 | **P** | **P** | **P** | **3/3** |
| 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 | **P** | **P** | **P** | **3/3** |
| 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 | **P** | **P** | **P** | **3/3** |
| 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 | **P** | **-** | **P** | **2/3** |
|  | Indian Oil Corporation Limited, Mumbai | Shri Y S Jhala (P) | [jhalays@indianoil.in](mailto:JHALAYS@INDIANOIL.IN) | 8153955545 | **P** | **P** | **P** | **3/3** |
| 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** | **W** | **-** | **W** |
|  | Micro, Small and Medium Enterprises, Testing Centre, Mumbai | Shri Manoj Kumar Vats (P) | [mk.vats@nic.in](mailto:mk.vats@nic.in) | 8587030740 | **P** | **P** | **P** | **3/3** |
| 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 |

**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 |

**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**

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**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** |
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|  | 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 |

**(P)- Present, (-) – Absent, (L) – Leave of Absence, (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 |
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| 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.** |
|
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| 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