

BUREAU OF INDIAN STANDARDS

AGENDA

**GLASS, GLASSWARE AND LABORATORYWARE SECTIONAL COMMITTEE,
CHD 10**

Twenty Sixth Meeting

Day & Date : Monday, 22 July 2024
Time : 04 : 00 PM
Venue : VC on WebEx
Meeting Link : <https://bismanak.webex.com/bismanak/j.php?MTID=ma806a2ff5c36879f48d40c21da5aa7aa>
Meeting Id : 2515 489 6966
Password : Meeting@123

Item 1 OPENING OF THE MEETING

1.1 Welcome by Bureau of Indian Standards.

1.2 Opening remarks by Chairperson.

Item 2 COMPOSITION OF THE COMMITTEE

2.1 The scope & composition of CHD 10 Committee is given in **Annex-I**.

The Committee may **REVIEW**.

2.2 Change in nominations:

- i.** Shri MAU Khan shall be the primary member and Shri H Wadhwa shall be the alternate member from Consumer - Voluntary Organization in Interest of Consumer Education (CVOICE).

The Committee may **NOTE**.

2.3 Re-structuring of the subcommittees and panels.

It has been decided by the competent authority to discontinue the subcommittees in BIS. Now, there shall be working panels and working groups only to carry out the technical discussions:

| Characteristics | Working Panels | Working Groups |
|------------------------|----------------------------------------------------|------------------------------------------------------------|
| Scope of Work | Can be subject specific, but not standard specific | Shall be limited to one document, or a series of documents |
| Life Span | May be permanent type, usually have longer life | For short durations, defined time intervals |
| Size | 8-15 members | Not more than 10 |

All the existing subcommittees will be converted into panels and panels will be converted into working groups.

| Sr. No. | Existing Subcommittee/ Panel/WG | New Panel/ Working Group | Revised Scope of Work |
|---------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| i. | CHD 10: P2 Fire Resistant Glazing Panel | No change required | <ul style="list-style-type: none"> • To develop the Indian Standard on FRG. |
| ii. | CHD 10: SC 1 Terminology, code of practice, methods of sampling and tests SC | CHD 10: P3 Terminology, code of practice, methods of sampling and tests Panel | <ul style="list-style-type: none"> • To develop and revise standards on terminology, code of practice, and methods of sampling and tests • To harmonize Indian standards with ISO standards on the subject. |
| iii. | CHD 10: SC 2 Raw Materials SC | CHD 10: P4 Raw Materials Panel | <ul style="list-style-type: none"> • To develop and revise standards on glass raw materials • To harmonize Indian standards with ISO standards on the subject. |
| iv. | CHD 10: SC 3 Glassware & Containers SC | CHD 10: P5 Glassware & Containers Panel | <ul style="list-style-type: none"> • To develop and revise standards on glassware and containers • To harmonize Indian standards with ISO standards on the subject. • To coordinate with ISO/TC 63 • To prepare the stand of India on the documents emanating from ISO/TC 63. |
| v. | CHD 10: SC 4 Processed Glass SC | CHD 10: P6 Processed Glass Panel | <ul style="list-style-type: none"> • To develop and revise standards on processed glasses. • To harmonize Indian standards with ISO standards on the subject. • To prepare the stand of India on the documents emanating from ISO/TC 60 on the subject. |
| vi. | CHD 10: SC 5 Laboratory Glassware SC | CHD 10: P7 Laboratory Glassware Panel | <ul style="list-style-type: none"> • To develop and revise standards on laboratory glassware. • To harmonize Indian standards with ISO standards on the subject. • To coordinate with ISO/TC 48 • To prepare the stand of India on the documents emanating from ISO/TC 48. |

| | | | |
|------|----------------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| vii. | CHD 10: SC 6 Flat & Coated Glass SC | CHD 10: P8 Flat & Coated Glass Panel | <ul style="list-style-type: none"> To develop and revise standards on flat, annealed and coated glasses. To harmonize Indian standards with ISO standards on the subject. To prepare the stand of India on the documents emanating from ISO/TC 60 on the subject. |
|------|----------------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Item 3 NEW SUBJECTS

3.1 Chemically Tempered Screen Glass Protectors

The subject was allocated to Mr. Jyotishman Mohanty (B.Tech. Ceramic Engineering student at NIT Rourkela) who joined BIS as an intern for 2 months. On completion of his internship, he has submitted a report along with a working draft on the subject. He will be representing his findings and key requirements of the draft standard.

It is proposed that a working group under CHD 10: SC 4 having following composition may be constituted to further work upon the subject:

CHD 10: WG 2 Chemically Tempered Screen Protector Glass WG

| Sr. No. | Organization | Representative(s) |
|---------|----------------------------------------------------------|-------------------------------------|
| i. | CSIR-CRCGR, Kolkata | Dr. K Annapurna (<i>Convener</i>) |
| ii. | NIT Rourkela | * To nominate experts |
| iii. | Ministry of Electronics & Information Technology (MeITY) | * To nominate experts |
| iv. | Opetimus | * To nominate experts |
| v. | Corning Glass | * To nominate experts |
| vi. | CEAMA | * To nominate experts |
| vii. | ICEA | * To nominate experts |
| viii. | FOSG | * To nominate experts |
| ix. | AIGMF | * To nominate experts |
| x. | GSI | * To nominate experts |

Proposed Timeline:

| | | | | | |
|-------------------|------------------------|---------------------------|-------------------------|---------------------------|-----------------------------|
| WD Development | P-Draft for 21 Days | Resolution of Comments | WC-Draft for 60 days | Resolution of Comments | Finalization and Gazette |
| by 30 August | September 2024 | October 2024 | Nov-Dec 2024 | Jan 2025 | 30 Mar 2025 |

The Committee may **CONSIDER.**

3.2 Test Methods for Chemical Analysis of Glass

A proposal was received from AGI Glaspac to develop an Indian Standard compiling all the available test methods for chemical analysis of glass. The subject was allocated to Ms. Dibyarchana Nayak (B.Tech. Ceramic Engineering student at NIT Rourkela) who joined BIS as an intern for 2 months. On completion of her internship, he has submitted a report along with a working draft on the subject. She will be representing her findings and test methods that are included in the draft standard.

It is proposed that this subject may be allocated to CHD 10: SC 1 which looks after the Test Method Standards related to Glass. The subcommittee will further develop the standard in priority II (9 months) as per the timelines given below:

Proposed Timeline:

| | | | | | |
|-------------------|------------------------|---------------------------|-------------------------|---------------------------|-----------------------------|
| WD Development | P-Draft for 21 Days | Resolution of Comments | WC-Draft for 60 days | Resolution of Comments | Finalization and Gazette |
| by 30 September | October 2024 | December 2024 | Jan-Feb 2025 | March 2025 | 30 May 2025 |

The Committee may **CONSIDER**.

Item 4 ANY OTHER BUSINESS

- Mandatory Training for Principal Members of the Sectional Committees of CHD is scheduled at 15th July 2024 and 16th August 2024 at NITS, Noida.

Item 5 DATE AND TIME FOR NEXT MEETING

The next meeting may be held in 1st week of October 2024 as per the quarterly meeting calendar.

Item 6 VOTE OF THANKS

ANNEX – I

SCOPE and COMPOSITION of GLASS, GLASSWARE AND LABORATORYWARE SECTIONAL COMMITTEE CHD 10

SCOPE:

- a) To formulate Indian Standards for terminology, code of practice, methods of sampling and tests and specifications for glass including, its raw material, glassware, processed glass, electrical and electronic visual displays, laboratoryware, including thermometer, hydrometers (made from glass, plastics, ceramic, silica etc) not covered in scope of other Sectional Committees.
- b) To co-ordinate with:
- i) ISO/TC 48 Laboratory equipment
 - ii) ISO/TC 63 Glass containers
 - iii) ISO/TC 160 Glass in building

Details of Last Three Meetings

| Meeting | Date | Place |
|------------------|------------|------------------------------|
| 23 rd | 27-06-2023 | VC |
| 24 th | 08-11-2023 | VC |
| 25 th | 18-03-2024 | CSIR-CGCRI, Kolkata (Hybrid) |

COMPOSITION WITH ATTENDANCE IN LAST 3 MEETINGS

| Sl. No | Organization | Representative | Meetings attended | | | |
|--------|--------------------------------------------------------------|-----------------------------------------------------------|-------------------|------------------|------------------|-------|
| | | | 23 rd | 24 th | 25 th | Total |
| 1. | CSIR-Central Glass & Ceramic Research Institute, Kolkata (R) | Dr. Suman Kumari Mishra – Director (<i>Chairperson</i>) | | | | |
| 2. | Asahi India Glass Limited, Rewari (M) | Shri Nagendra Kumar Shri Navin Rai | P | P | P | 3/3 |
| 3. | Bhabha Atomic Research Centre, Mumbai (R) | Dr.(Smt) Madhumita Goswami Dr. P. N. Nandi | - | - | - | 0/3 |
| 4. | Borosil Ltd, Mumbai (M) | Shri Jeevan Dogra Shri Satish Chitriv | P | P | P | 2/3 |

| | | | | | | |
|-----|----------------------------------------------------------------------------------|-----------------------------------------------|---|---|---|-----|
| 5. | Centre for the Development of Glass Industry, Firozabad (T) | Shri Sanjeev Chinmilli Shri Devendra Sah | - | - | - | 0/3 |
| 6. | Confederation of Construction Products and Services, New Delhi (U) | Shri Deepak Gahlowt Smt. Sarita Balodhi | P | - | P | 2/3 |
| 7. | Consumer - Voluntary Organization in Interest of Consumer Education (CVOICE) (U) | Shri MAU Khan Shri H Wadhwa | P | - | - | 1/3 |
| 8. | CSIR-Central Building Research Institute, Roorkee (R) | Dr. Navjeev Saxena Shri Ajay Chaurasia | P | P | P | 3/3 |
| 9. | CSIR-Central Glass & Ceramic Research Institute, Kolkata (R) | Dr. K Annapurna Dr. Sitendu Mandal | P | P | P | 3/3 |
| 10. | Controllerate of Quality Assurance(Materials), Kanpur (O) | Dr S K Pandey Shri B S Tomar | - | P | P | 2/3 |
| 11. | Federation of Safety Glass, Faridabad (M) | Shri Sharanjit Singh Shri Gurmeet Singh | P | P | - | 2/3 |
| 12. | Glazing Society of India, Chennai (T) | Shri G N Gohul Deepak MS Dilna Subramanian | P | P | P | 3/3 |
| 13. | Gold Plus Glass Industry Ltd., New Delhi (M) | Ms Sheetal Khanna Shri Prem Dutt | - | - | P | 1/3 |
| 14. | Govt. College of Engineering and Ceramic Technology, Kolkata (A) | Dr. Rituparno Sen Dr. (Ms.) Kaberi Das | - | P | P | 2/3 |
| 15. | Hindustan Glass Works Ltd, New Delhi (M) | Shri Varun Gupta Shri K. Arvin | - | P | P | 2/3 |
| 16. | Hindustan National Glass & Industries Ltd, Kolkata (M) | Shri Prasanna Jain Shri S K Misra | P | P | P | 3/3 |
| 17. | HSIL Ltd., Packaging Products Division, AGI Glaspac, Hyderabad (M) | Shri Rajesh Khosla Shri Indranil Ranu | - | - | P | 1/3 |

| | | | | | | |
|-----|--------------------------------------------------------------|-------------------------------------------------------------|---|---|----|-----|
| 18. | Indian Institute of Packaging, Mumbai (A) | Dr. Tanweer Alam | - | - | 1C | 1/1 |
| 19. | IIT-BHU, Varanasi (A) | Nominations Awaited | - | - | - | - |
| 20. | Office of the Development Commissioner (MSME), New Delhi (O) | Shri Ambrose Royson C Shri G V Rangarao | P | P | P | 3/3 |
| 21. | Saint - Gobain India Pvt. Ltd., Chennai (M) | Shri A R Unnikrishnan Shri Chiranjit Roy | P | P | P | 3/3 |
| 22. | Schott Glass India Pvt. Ltd., Jambusar (M) | Shri Anand Bakshi Shri Lalatendu Behera | P | P | P | 2/3 |
| 23. | Shriram Institute for Industrial Research, Delhi (A) | Shri Aneesh Kumar Dr Laxmi Rawat | - | P | P | 2/3 |
| 24. | SISECAM Flat Glass India Pvt. Ltd., Panchmahal (M) | Shri Parag Shah Shri Pankaj Nuwal | - | P | P | 2/3 |
| 25. | The All India Glass Manufacturers Federation, New Delhi (M) | Shri Sourabh Kankar Shri Vinit Kapur/ Shri Gopal Ganatra | - | P | - | 1/3 |