



CHEMICAL DEPARTMENT
CHEMICALLY TEMPERED SCREEN PROTECTOR GLASS WORKING
GROUP, CHD 10: WG 3
MINUTES OF 1st MEETING

Date/Day/Time: 16 October 2024, Wednesday, 10:30 AM

Venue: VC on WebEx

The list of members attended the meeting is attached at **Annex-I.**

ITEM 1 WELCOME AND INTRODUCTORY REMARKS

1.1 Welcome by BIS

On the behalf of BIS, the member secretary warmly welcomed the convener and all the working group members to the meeting and briefed the agenda for the meeting.

1.2 Opening Remarks by the Convener

The convener warmly welcomed all the members to the meeting and highlighted the importance of the subject for standard formulation.

ITEM 2 COMPOSITION OF CHD 10/WG 3

The WG reviewed and confirmed the composition of the working group as given below:

Sl. No.	Organization	Representing Members	Email
i.	CSIR-Central Glass & Ceramic Research Institute, Kolkata	Dr K Annapurna(<i>Convener</i>)	annapurnak@cgcri.res.in
ii.	Ace Mobile Manufacturers Pvt. Ltd, Noida	Shri Arun Kumar Kochhar Shri Vrajesh Shelat (<i>Alt</i>)	arun.kochhar@acemobile.in vrajesh.shelat@acemobile.in
iii.	Adsun	Shri Ankush Jain Shri Sandeep Kaushik (<i>Alt</i>)	stm5138@gmail.com adsunelectronicsprivatelimited@gmail.com
iv.	AGC Asia Pacific (India) Pvt. Ltd.	Shri Sachin Arora	sachin.arora@agc.com
v.	All India Glass Manufacturers Federation, Delhi	Shri Prem Dutt	dutt.prem@rediffmail.com info@aigmf.com
vi.	Corning Technologies India Pvt. Ltd., Gurugram	Shri Amit Kumar Jha Shri Divyanshu Gautam (<i>Alt</i>)	jhaAK@corning.com gautamd@corning.com
vii.	Federation of Safety Glass, Noida	Shri Sharanjit Singh Shri Rajeev Raina (<i>Alt</i>)	sjsingh@gscglass.com info@fosg.in

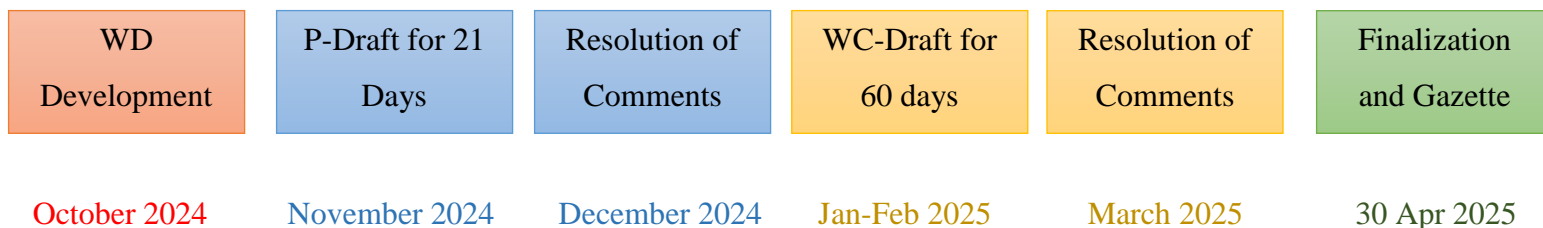
viii.	Glazing Society of India, Chennai	Shri G N Gohul Deepak Ms Dilna Subramanian (<i>Alt</i>)	gohul.deepak@glazingsociety.com dilna.subramani@glazingsociety.com
ix.	India Cellular & Electronics Association, New Delhi	Shri Rajesh Sharma Dr. Aashish Saurikhia Dr. Neeraj Agrawal	rajesh@icea.org.in
x.	Ministry of Electronics and Information Technology, New Delhi	Shri Ravinder Kumar Meena P	ravinder.meena@meity.gov.in
xi.	Optiemus Infracom Ltd., Noida	Shri Ashoek Gupta P	akg@akgindia.com
xii.	Opto Elite	Shri Kishore Kotaria	krk@optoelite.com
xiii.	CEAMA	Shri Anil Mehta	sg@ceama.in anil.mehta@in.panasonic.com

ITEM 3 CHEMICALLY TEMPERED SCREEN PROTECTOR GLASS – SPECIFICATION

The member secretary informed the WG that CHD 10 Glass, Glassware & Laboratoryware Sectional Committee in its 26th meeting held on 22 July 2024 constituted this working group CHD 10: WG 3 and appointed Dr. K Annapurna (Chief Scientist, CSIR-CGCRI, Kolkata) as the convener to develop the draft standard on the subject.

The committee also recommended to take the project on high priority with timeline for the development of the standard as follows:

Proposed Timeline:



The WG deliberated on the draft prepared by the member secretary and decided as follows:

- i. The WG decided to modify the title to “Chemically tempered glass screen protector – Specification”
- ii. The WG requested member secretary to extend the Foreword covering the importance of the screen protectors for different types of devices.
- iii. The WG decided to modify the scope by removing the words “chemically tempered/strengthened”.
- iv. The WG decided to modify the requirement for thickness of the glass by limiting it to maximum of 0.70 mm. The WG also requested Ace Mobile to provide a test method for evaluating the thickness.
- v. The WG decided to remove the requirement for squareness.
- vi. The WG decided to modify the requirement of VLT in case of privacy films to minimum 80%.
- vii. The WG requested members to review the requirement for and test method and provide recommendations on allowed no. of Scratches during the P-Draft circulation of the document.
- viii. The WG decided to have no spot faults allowed.

- ix. The WG modified the requirement for surface compression to minimum of 500 MPa.
- x. Due to lack of data and testing facility, the WG decided to remove the Biaxial Flexure Energy to Failure (ball drop), Biaxial Flexure Stress (ring-on-ring), and Sharp Contact Impact Under Rigid Support Condition (ball drop on coated abrasives) test.
- xi. The WG requested the member secretary to re-write the test methods given in ASTM and IEC standards and referred them as the annexes to the draft standard.

The WG requested member secretary to incorporate the above changes to the draft and circulate the draft among the committee members as Preliminary draft for a period of 21 days.

ITEM 4 DATE AND PLACE OF NEXT MEETING

The WG decided to have its next meeting, once the P-Draft circulation period is over.

ITEM 5 VOTE OF THANKS

There being no any other business, the meeting ended with a hearty vote of thanks to the chair and the members.

Annex-I

Participants in the 1st Meeting of CHD 10: WG 3 Chemically Tempered Glass Screen Protector WG

Convener: Dr. K Annapurna, CSIR-CGCRI, Kolkata

Member Secretary: Shri Mohit Garg, Sc- C, BIS

Sl. No	Organization	Representative
1.	Ace Mobile Manufacturers Pvt. Ltd, Noida	Shri Arun Kumar Kochhar
2.	All India Glass Manufacturers Federation, New Delhi	Mr. Prem Dutt
3.	AGC Asia Pacific (India) Pvt. Ltd.	Mr. Sachin Arora
4.	Corning Technologies India Private Limited, Pune	Mr. Amit Jha Mr. Divyanshu Gautam Dr. Karthik Raman
5.	Federation of Safety Glass, Noida	Mr. Sharanjit Singh
6.	India Cellular & Electronics Association, New Delhi	Shri Rajesh Sharma Dr. Aashish Saurikhia Dr. Neeraj Agrawal
7.	Ministry of Electronics and Information Technology, New Delhi	Mr. Ravinder Kumar Meena
8.	Optiemus Electronics Limited, Noida	Shri Ashoek Gupta

First meeting of CHD 10: WG 3, Chemically Tempered Screen Protector Glass WG Meeting Info 01:42:58

Dr Neeraj Agarwal, ICEA
Unverified

Ravinder Kumar Meena
Unverified

Divyanshu Gautam

Amit Jha

Mute Stop video Share AI Assistant Record

Search 12:12 PM 10/16/2024

First meeting of CHD 10: WG 3, Chemically Tempered Screen Protector Glass WG Meeting Info 01:42:59

Dr Neeraj Agarwal, ICEA
Unverified

Ravinder Kumar Meena
Unverified

Divyanshu Gautam

Amit Jha

Mute Stop video Share AI Assistant Record

Search 12:12 PM 10/16/2024