# Resolutions of Sixth Meeting of the Panel for Timber and Bamboo, CED 46:P6

## Held in hybrid mode on 06 August 2024

| Resolution No. | Resolution/Decision |
|---|---|
| **1** | The Panel noted the response received from the organizations and based on the participation of the representative of CEPT, it was decided to co-opt CEPT, Ahmedabad. |
| **2** | The Panel reviewed the presentation made by the invitee Prof. Arijit Sinha (Professor at Oregon State University) with Prof. Indroneil Ganguly (University of Washington) and Smt. Anindita Bhattacharyya (US Softwood Export Council) on various aspects of mass timber construction, including the major factors relating to:<br><br>a) Timeline indicating the use of CLT and its adoption in the building code of USA (IBC).<br>b) The periodic updates in IBC 2021 and IBC 2024 regarding number of stories permitted to use CLT in buildings from the six-storied mass timber permitted in IBC 2018.<br>c) Key aspects of the:<br>i) ANSI/AWC 2021 Special Design Provisions for Wind and Seismic (SDPWS)<br>ii) ANSI/APA PRG 320 – Standard for Performance rated CLT.<br>iii) FEMA P-695, Quantification of Building Seismic Performance Factors.<br>d) Importance of third-party certification for flexural and shear strength of CLT (as in the case of the Engineered Wood Association-APA)<br>e) The role of adhesives, Fillers and sealants in ensuring no transfer of smoke/heat/fire in the event of a scenario.<br>f) The durability aspects of CLT including the effects of moisture, biological growth and elevated temperature on the load carrying capacity & performance of the mass timber buildings.<br>g) Inherent possibilities to hold and conceal the MEP ducts/services.<br>h) Advantage in the overall environmental impact and sustainability in the use of CLT in buildings |
| **3** | The Panel members noted the information mentioned in the presentation and shared their suggestions and queries which were addressed by Prof. Sinha and Prof. Ganguly. |
| **4** | The Panel briefly noted the presentation by Shri Prakash Suthar |

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| | which shall be circulated by BIS along with the Minutes. |
| **5** | The four core groups under the panel where authorised to proposed the changes in the respective clause of the code (3A & 3B) based on which BIS was authorised to circulate the preliminary draft for a period of three weeks.<br><br>The Core Group on Engineered Timber was authorised to include a detailed clause on mass timber buildings in this revision of NBC; while a separate Indian Standard can be developed by CED 13 of BIS. |

**Formal minutes of the meeting will be sent separately.**

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