

CCPS and IBC organized Two days Training Program on “Use of Glass & Glazing Systems in Buildings” at New Delhi

In the present scenario of construction, glass has emerged as one of the favored and inevitable building materials. It has changed its image from fragility to the status of multi-purpose building material and become a symbol of modernity. The glass industries in India have kept pace with the emerging performance requirements and are capable of producing world-class glass in the country.

Confederation of Construction Products and Services (CCPS) a not for profit organization, as one of its mandate and thrust areas undertakes skill up-gradation and imparts training to professionals in various fields. With the persistent demand from various quarters, it was decided to organize again two days Training Program “On Use of Glass & Glazing Systems in Buildings” for the officers of Government Departments & professionals on 23rd and 24th September 2014 in collaboration with Indian Buildings Congress at New Delhi.

Mr. D. S. Sachdev, Director, ITPC and former DG, CPWD welcomed the participants and said that with the persistent demand we have organized this training program second time. Similar program was organized on 11th and 12th August 2011 at the same premises by IBC and CCPS. Glazing which has become a favored feature in the buildings today has numerous



advantages. It is very necessary for the professionals to be aware of latest innovations, practices and requirements in this field and only for this purpose; the present program was organized in collaboration with CCPS.

Mr. Amit Malhotra, President, CCPS and MD, McCoy Group of Companies inaugurated the training program and said that in India, during last few years significant fascination for use of glass in building construction have been seen. He gave a presentation highlighting the introduction and initiation of construction with glass façade in various parts of the country.

The program was attended by 41 participants and dignitaries from Central PWD, Military Engineering Services, Delhi Development Authority, PWD Delhi Govt., Delhi Tourism and Transport Development

Corporation, RITES Ltd., Engineering Projects (I) Ltd., Saint Gobain Glass Ltd., Ozone Overseas Ltd., Dow Corning India Pvt. Ltd., McCoy Soudal, Green Façade Solutions Pvt. Ltd., LGF Sysmac India Pvt. Ltd., Wellwood India, Silicone Concepts Intl. (P) Ltd., WFM Magazine, IBC and CCPS.

The programme proved to be very successful and participants were exposed to the various types of glass and manufacturing process, properties, requirements of energy conservation/fire safety norms, necessary precautions which are to be observed while fabricating and using glass.

Following eleven topics were covered:

I. Overview - Types of Glass & Manufacturing Process by Mr. Sourabh Kankar, RSM, Gujarat



- Guardian Ltd. (GGL)
2. **Use of Glass for Energy Efficiency and Thermal Comfort in Buildings** by Mr. Sourabh Kankar (GGL)
 3. **Selection of Glass subjected to Wind and Seismic loading** by Mr. Sourabh Kankar (GGL)
 4. **Human Safety aspects in use of Glass and responsibility of Professionals** by Mr. Shashi Kant, Adviser, CCPS and former Dy. Adviser, Planning Commission
 5. **Fire Safety and NBC 2005** by Mr. Hatinder Vohra, Sales Manager (India), Saint Gobain Glass India Ltd. (SGGI)
 6. **Glazing Systems and Testing** by Mr. Rai Singh, Director, Green Facade Solutions
 7. **Role of Silicone Sealants in structural glazing and Fire Seals** by Mr. S. Ravishankar, Dow Corning India
 8. **Role of Sealants and Foams in Window & Doors** by Mr. Gopal Kumar, Sr. Executive, McCoy

- Soudal Sealants
9. **Architectural Hardware Solutions** by Mohd. Hasham, Manager, Ozone Overseas
 10. **Manual & Motorized Hardware Solutions for Aluminium & Upvc glass Doors & Windows** by Mr. Deepak Chugh, Director, LGF Sysmac (I) Pvt. Ltd.
 11. **Use of Glass with reference to ECBC, GRIHA & IGBC parameters and Case Studies** by Mr. Abhinav Nanda, National Key Accounts Manager, SGGI
- “Guidelines on use of glass in buildings-Human safety” brought out by CCPS was also distributed and the salient features were highlighted. Participants were informed by Mr. Shashi Kant Adviser, CCPS and former Dy. Adviser, Planning Commission that recognizing the importance of the issue, CCPS guidelines have so far been implemented by 17 States, Central & State Govt. departments, PSUs, prominent builders and engineering institutions. Bureau of Indian Standards has also

developed IS: 16231 (Pt. 4) 20014, ‘Code of Practice on Use of Glass in Buildings- Safety Related to Human Safety’ and was derived from CCPS Guidelines. Feedback received from the participants revealed that the majority of the participants suggested for mandating the recommendations of Guidelines, inclusion in Schedule of Rates/specifications of construction departments and byelaws of local bodies.

Encouraged by the response and success of this Training Program, Mr. Shashi Kant said that similar programs could be conducted in other parts of the country in collaboration with IBC and offered to arrange visit at the glass processing plant and glass manufacturing plant for the interested officers.

Training Program concluded with Certificate distribution to the participants along with the CD with all the lectures/presentations delivered by the experts during two days sessions■