

Kind Attention: Mr. Shashikant, Advisor (CCPS)

GREATER HYDERABAD MUNICIPAL CORPORATION

Office of the
Commissioner & Special Officer
[Town Planning Section (HO)]
GHMC, Tank Bund, Hyderabad

Lr. No. 2378/HNC/TPS/GHMC/2008,

Dt:31.12.08

To,

The Principal Secretary to Govt.
Municipal Administration &
Urban Development Dept
Govt. of A.P, Hyderabad.

Sir,

Sub:- GHMC – TPS – HO – Request for support on ensuring safe use of glass on building through appropriate building by laws – Guide Lines and conditions on use of Glass in Buildings – Reg.

Ref:- 1) Govt. Memo No. 7659/M1/2008 dated: 6-5-2008.
2) Letter No. CCPS 7(12) 08 dated: 2.12.2008 of Confederation of Construction Products and Services (CCPS)

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With reference to the Government Memo 1st cited, with regard to use of glass in Buildings, it is to submit that the Director, Town & Country Planning, Govt. of A:P. has proposed to insist certain conditions to ensure human safety based on the recommendations given by "CCPS".

The conditions proposed to be insisted by the Director Town & Country Planner on the use of Glass in buildings to ensure human safety are follows:

- Safety glazing material shall be used where
 - Any glazing is within 1.5 metre above the floor level of building.
 - there is danger of falling infill glass materials from overhead glazing.
 - there is danger of falling due to a change in floor level and in case of balustrades, stairs and floors.
- Necessary precautions shall be taken to enhance a person's awareness of the presence of glass by making glass visible and to minimize manual handling of large pieces of glass during installation.

- Any glass with sill height 0.75m or with Residual Protection type of glass shall be used vertical walls.
- Safety glass of no risk of fall (Falling height $\leq 1.5m$) and Sill height $< 0.75m$ shall be used as vertical walls.
- Safety glass of no risk of fall (Falling height $\geq 1.5m$) and Sill height $< 0.75m$ shall be used as vertical walls.
- Laminated Safety glass shall be used in Horizontal or sloped glazing and as a balustrade. Parapet or a railing.
- Toughened (Tempered) Glass or Laminated safety Glass, subject to meeting the Definitions and Test standards as outlined in the IS 2553 (Part 1) and the Guidelines on use of Glass in Buildings Part A : Human Safety" prepared by CCPS shall be used in the buildings.
- Windows, skylights and ventilators over two meters high, shall be left at regular distances as required for fire fighting and smoke exhaust.
- Laminated glass with both glass panes toughened will not classify as safety glass.
- Clear glass panels capable of being mistaken for an unimpeded path of travel shall be marked to make them visible by incorporating manifestation as mentioned in the CCPS guidelines.
- All safety Glass shall be ISI marked along with the name or logo to identify the manufacturer of the safety glass.

In this regard, it is to inform that the GHMC has no objection to insist the same conditions whenever Glass is used in Buildings especially Commercial complexes, Multiplex and Multi-Storied Buildings by making responsibility the concerned Engineer /Architect to ensure the same in buildings.

B. Anand Reddy
for Commissioner & Spl. Officer
GHMC 21/12

Copy to:
Sri. Shashi Kant, Adviser, CCPS
Former Dy. Advisee & Consultant, Planning Commission.