



Date: 03.04.2023

TO WHOMSOEVER IT MAY CONCERN

This is regarding Structural Health Safety Audit of Cascade Tower-6 at Plot No. AA-III/BLK-1, Action area-III, New Town, Rajarhat, Kolkata.

The structural health of Cascade Tower-6 has been audited and found safe as per National Building Code and relevant BIS Codes. However the measures of strengthening / repair to be implemented are as follows.

- Jacketing of column/ shear wall (SW 4 at grid mark VO6a-H08) needs to be carried out from twelfth floor level up to thirteenth floor level as mentioned in the report.
- Void, honeycombs and exposed reinforcements are noticed at various locations of the Tower as mentioned in the report. These areas are to be repaired with Single pack polymer modified mortar/ micro-concrete and pressure grouting with low viscous epoxy compound.
- Re-plastering of internal / external surfaces of the building is to be carried out wherever required.
- Pointing with 1:4 cement sand mortar is to be carried out at mortar joints of the brick mortar.

A handwritten signature in blue ink, appearing to read 'Subhajit Saraswati'.

Dr. Subhajit Saraswati
Professor
Department of Construction Engineering
Jadavpur University