



Date: 16.01.2023

## TO WHOMSOEVER IT MAY CONCERN

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

The structural health of Harmony 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.

- Honeycomb concrete 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.
- Poor quality of brick work noticed wherever constructed. Joints are to be properly filled with mortar. Pointing, with 1:4 cement sand mortar, is to be carried out at mortar joints of the brick work.
- Efflorescence and dampness are noticed in brick wall. Re-plastering of internal surfaces of the building is to be carried out with site mix polymer modified mortar.
- Cracks are noticed at soffit level of slab, particularly at the locations of electrical conduits in slabs. Pressure grouting with low viscous epoxy compound should be carried out.

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

**Dr. Subhajit Saraswati**  
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