Faculty of Engineering & Technology DEPT. OF CONSTRUCTION ENGINEERING



JADAVPUR UNIVERSITY BLOCK-LB, PLOT-8, SECTOR-III, SALT LAKE, KOLKATA – 700 098, INDIA

Date: 26.05.2023

TO WHOMSOEVER IT MAY CONCERN

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

The structural health of Air Tower-1 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.

- Voids, 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.
- Cracks are noticed at beams, soffit level of slabs at different floors. These cracks are to be sealed by pressure grouting with low viscous epoxy compound.

Hononwah

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