

SCOPE OF WORK FOR STRUCTURAL AUDIT

1. To check the design of the structure as ensure the complete codal compliance of the same;
2. To check the design using modelling software like E-TABS, Staad pro etc and prepare the deflection report;
3. To do the visual inspection checking the structures also check the critical members using necessary tools and inspect for any visual distress or deterioration such as cracks, dampness etc.;
4. Prepare inspection report with details including photos;
5. To conduct Non Destructive and Destructive Tests including but not limited to Rebound Hammer, Ultra Pulse Velocity, HCP, Resistivity, Concrete core, Carbonation, Farrow Scanning, pH Value, water soluble chloride content, cover meter tests;
6. To prepare a detailed report with details of defects and recommendation for repair and retrofitting with complete methodology and BoQ;
7. To monitor the implementation of recommendation;
8. To provide the structural stability certificate.

SCOPE OF WORK FOR ARCHITECT PERTAINING TO STRUCTURAL AUDIT

1. To coordinate with the structural auditor for the audit of existing structure
2. To ensure the recommendations of structural audit are in line with the various bye laws and applicable building codes, fire norms etc
3. To coordinate the structural elements and architectural features of the building and complex