

PI Name: H C Arora

Project Title: Structural Condition Assessment of 119 Residential Buildings of Panipat Thermal Power Station Colony Panipat Haryana

Client: M/s Panipat Thermal Power Station, Haryana Power Generation Corporation Limited
Panipat Haryana

Objective:

1. Detailed visual inspections of the buildings
2. Distress mapping of the buildings based on visual inspections and surveys to decide the number of locations for NDT/partial destructive and chemical testing.
3. vetting of non-destructive testing (NDT) and partial destructive testing results of reinforced concrete (RC) components.
4. Brick masonry tests as per the need.
5. Vetting of results of chemical analysis of concrete samples.
6. Structural analysis of the buildings (as per the requirement).
7. Suggesting repair, strengthening and remedial measures.
8. Suggesting building maintenance plan for future.
9. Submission of the final report.