

Ref: SAA/2021-22/DPSCHD/01A

Dated: 01-02-2022


**The Director/ Principal  
Delhi Public School Building  
Sector 40C, Chandigarh.**

**Subject: -Condition assessment and stability certificate for DELHI PUBLIC SCHOOL  
Sector 40, Chandigarh.**

**Dear Sir/Madam,**

As per the visual site inspection and test results of Non destructive testing of **Delhi Public School Building, Sector 40C, Chandigarh** carried on the 04/01/22, 05/01/22 & 15/01/2022, the following conclusions are drawn:

- The average relative strength of concrete is in the range of 21.21 to 43.59 MPa corresponding to the rebound hammer test.
- The general quality of concrete is in the range of Medium to Excellent corresponding to the Ultra-sonic Pulse Velocity tests.
- The load carrying capacity of all the structural members can be calculated based on concrete grade **M25** and design is found ok as per the relevant codal provisions.
- The general quality of concrete is in the range of Medium to Excellent corresponding to the Ultra-sonic Pulse Velocity test.
- No Carbonation was found in structural members of the building.
- Since the quality of concrete is good, it shows the absence of corrosion, honeycombing, cracks and voids etc. at the locations where test were conducted.
- As per test results mentioned above, it is assumed that the construction was carried out as per the approved design and drawings of the structural engineer. The existing structure as per conditional assessment done is stable as per IS Code requirements.
- The occupied Delhi Public School, Sector-40C buildings with respect to stability, found to be in good condition.

  
**Er. Manisha Bansal**  
Structural Engineer  
B.E. Civil (Gold Medallist) M.E. Structures  
Reg No.- I.E.I - AM099820-9

**Er. Manisha Bansal**  
Associate Director, Structural Design,  
M.E. Structures, B.E. Civil (Hons),  
Regd no. \_I.E.I- AM099820-9  
For M/s Subhash Anita & Associates  
Chandigarh.

**Vetted By: -**

  
**Dr Sanjay Sharma**  
Professor (Civil Engineering Incharge)  
Professor & CCTSD  
National Institute of Technical Teachers Training & Research  
Civil Engineering Department  
NITTTR, Chandigarh.