

SUNRISE ENGINEERS

Chartered Engineers and Valuers

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MCD St. Engg. SE-0550

Ref: CE/25/11/DPS/01

Date: 18.Nov.2025

STRUCTURE STABILITY CERTIFICATE

This is to Certify that we have inspected the premises of M/s **Delhi Public School**, located at Ph - 1, Sec - 3, Dwarka, Delhi-110078, owned by **Delhi Public School Society**. We have examined drawings, documents and various parts of the building including class rooms, laboratory, stairs, passage and common areas etc. of the building with reference to the school activities.

BRIEF DESCRIPTION OF BUILDING: (BLOCK - A)

The Block -A building is having Ground floor, first floor, second floor and third floor, with brick masonry walls, RCC framed structure made of columns, beams and slabs. This block is major part of school, having classrooms for students.

Year of Construction - 2001 - 2002

Ground Floor: This area has Administration office & Class rooms.

First floor: This area has Class rooms.

Second Floor: This area has Class rooms.

Third Floor: This area has Class rooms.

BRIEF DESCRIPTION OF BUILDING: (BLOCK - D)

The Block -D building is having part Basement Ground floor, first floor, second floor and third floor, with brick masonry walls, RCC framed structure made of columns, beams and slabs. This area is used as a preparatory school for kids.

Year of Construction - 2004 - 2005

Basement : Basement is in small area (160Sq.M), used as a store.

Ground Floor: This area has Class rooms.

First floor: This area has Class rooms.

Second Floor: This area is kids having activity rooms (under renovation).

Third Floor: This area is kids having activity rooms (under renovation).


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Chartered Engineer (Civil)
Structure Engineer
On Panel In MCD
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OBSERVATIONS:

The building is more than 23 years old, which is well built and well maintained.

As per the visual inspection of building there are no structural cracks, no debonding of plaster, and no concrete peel off found in building.

Building does not show any settlement signs along the periphery of structure.

RCC members like beams and columns does not show any deflection signs.

Staircase and common passage areas does not show any visual distress

Non Destructive Testing is also done by ENKAY Test House to verify the actual condition of the building structure elements.

BUILDING CONDITION FOR RCC AND OTHER MATERIALS AS PER TEST RESULTS

As per NDT report analysis of tests done at the site it has been found building

- The Concrete compressive strength of columns, beams, slabs in floors, meeting the requirement of concrete Grade of **M-25 to M-35**.
- Ultrasonic Pulse Velocity test has been done for Building Column & Beam and found in **Good** condition on Floors. No major Action required.
- Half Cell Potential TMT Bars as per test found in good condition, **No corrosion** found in TMT bars. No major Action Required.
- Concrete Carbonation depth test has found slight carbonated that is occurring due to building age condition. No major action required.
- Ferro scanning analysis, TMT bars are of **25mm** diameter and Ring diameter **8mm**, so no reinforcement required.
- As per pH, chloride & sulphate test, results found satisfactory, no chemical treatment required.
- Mortar (RCC Concrete & Cement sand for brick work) - Ratio found in good condition.

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CONCLUSION:

As per the Building Inspection and NDT results we are of the opinion that all works of Engineering and construction of buildings (Block A & D) is structurally sound and the building stability will not be endangered by their further use as school.

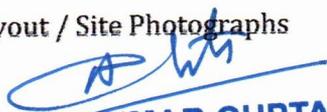
The Structural Safety certificate is valid for three years from the date of issuance.

No structural / retrofitting work should be done without approval / information from structural engineer.

This certificate is issued on the basis of NDT results & visual inspection carried at site. The information provided is believed to be reliable & authentic and as requested by Delhi Public School Dwarka, Delhi.

Attached documents are part of certificate:

- i. Layout / Site Photographs


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Signature & Stamp

Chartered Engineer (Civil)

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