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NITTTR/CCT&SD/R-1

Dated: 30-06-2021

To

Headmistress
Govt Model High. School,
Khudda Jassu, Chandigarh.

Subject:- Condition assessment and stability certificate

Reference : Your letter no GMHS/Khudda Jassu/56/ on dated 29/06/2021.

Dear Sir,

As per the site inspection and test results of Non destructive testing results of Govt. Model High School, Khudda Jassu, Chandigarh. Following conclusions are drawn:

- The average relative strength of concrete varies from 22-25.5N/mm² corresponding to the rebound hammer test.
- The general quality of concrete is in the range of good corresponding to the Ultra sonic Pulse Velocity test.
- The load carrying capacity of the slab and beams can be calculated based on concrete grade **M20** and design is found ok as per the relevant codal provisions.
- The load carrying capacity of the column can be calculated based on concrete grade **M20**.
- Since the quality of concrete is very 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 the construction is carried out as per the approved design and drawings.
- The drawings and design of the buildings are also checked in accordance with the relevant Indian Standard Codes (with latest amendments) including Indian Standard Codes for structure resistant to earthquake.

- The existing structure design is stable as per IS Code requirement.


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Mrs. Radha Sood
Headmistress,
Govt. Model High School,
Khudda Jassu, U.T. Chandigarh