



NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING & RESEARCH
SECTOR-26, CHANDIGARH-160019 (INDIA)
(Established by Ministry of Human Resource Development, Govt. of India)
EPABX: 2759500,2759514
FAX: 0172-2791366,2793893

e-mail : director@nittrchd.ac.in,
web site: www.nittrchd.ac.in

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Dated: 25-06-2021

To

Principal
Jawahar Navodaya Vidalya,
Sector-25, (West) Chandigarh.

Subject:- Condition assessment and stability certificate

Reference : Your letter no F.2-30/NDMA/2021-22/167 on dated 18/05/2021.

Dear Sir,

As per the site inspection and test results of Non destructive testing results of **Jawahar Navodaya Vidalya, Sector-25, (West) Chandigarh**. Following conclusions are drawn:

- The average relative strength of concrete varies from 22-25N/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.
- All the building blocks were found to be in well maintained condition. The existing structure design is stable as per IS Code requirement.
- 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 occupied buildings with respect to stability, found to be in good condition.


Dr. Sanjay Sharma

Prof. & Head Jay Sharma

Civil Engineering Department

Civil Engineering Department

NITTR, Sector 26, Chandigarh

