



DEPARTMENT OF CIVIL ENGINEERING
ANDHRA UNIVERSITY COLLEGE OF ENGINEERING (A)
VISAKHAPATNAM – 530 003, Andhra Pradesh

ISO 9008-2015 Certified

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16-03-2020

STRUCTURE SOUNDNESS CERTIFICATE

Subject: Study of Structure stability and soundness of Timpany Senior Secondary School (CBSE Campus), Door No.9-23-8, T.S. No. 1035, Block No. 46, L.P. No. 212/61, Waltair Ward, Visakhapatnam.


Ref: Letter from the Director, Timpany Schools, Visakhapatnam, dated 13-03- 2020.

This Certificate has been issued with respect to structural soundness of Timpany Senior Secondary School (CBSE campus), Door No.9-23-8, Waltair Ward, Visakhapatnam managed by ETASI. The school building has been inspected on 13-03-2020 for evaluation of its stability and soundness. It is observed that the School is being run in the four building blocks 'A', 'B', 'C', and 'D' existing in the same compound.

The Block 'A' building is a RCC framed structure with G + 3 floors. The Block 'B' building consists of Stilt + G + 2 Floors whereas Block 'C' building is a RCC framed L-shaped building. Half portion of the Block 'C' structure is in G + 2 floors pattern and the remaining half portion is in Stilt + G+ 2 Floors. In addition, there is a small extension of the building to the right with G+ 1Floor. The structural drawings for the said building blocks are made available during the visit for verification. Adequate stair case facilities are provided along with fire fighting system at all floor levels in the all the building blocks. Based on critical inspection of the school buildings, it is verified that all the visible elements of the building such as plinth beams, columns, beams, slabs and brick work are found to be in good condition. There is no visible distress in any of the structural components of the buildings. In the present condition, the Timpany Senior Secondary School buildings are structurally stable and sound to withstand the present / anticipated loads. However, proper maintenance is suggested to extend life of structure.


DIRECTOR
TIMPANY SCHOOLS
VISAKHAPATNAM - 530 003


PRINCIPAL
Timpany Senior Secondary School
VISAKHAPATNAM - 530 003

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It is advised to remove all the loose mortar and clean the pockets and apply a thin film of mortar with water proofing compound on the top of terrace and chajjas/ sunshades. Further, top surface of the chajjas / sunshades shall be finished with sloping surface to prevent any stagnation of water. It is also advised to periodically check for any water leakages through flooring tile joints into slab causing dampness and to take measures to check seepage of water by applying white cement at the joints of tiles and if required cement grouting shall be done (in case application of putty/ white cement do not prevent the seepage of water in to floor slabs).
The validity of the certificate is for a period of Five years from the date of issue.

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