Er. Kumar Ujjwal

B.E. (civil), MIE (M-1513367) Structure Engineer,

Ref: CBSS/JPS/261223

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## CERTIFIACTE OF BUILDING STABILITY AND SAFETY

Name of the building: St. JOHN'S RESIDENTIAL PUBLIC SCHOOL

Address: SONAGOPALPUR, SAMPATCHAK, Patna-800007,

Bihar, India

I certify that. I have inspected the part / school building of St. JOHN'S RESIDENTIAL PUBLIC SCHOOL. I have done the Structural verification based on the visual inspection and NDT of the accessible parts of the building. Based on the visual observations, visual symptoms & manifestations shown by the structure and the NDT data collected from site, I am of the opinion that the said structure/ building is structurally sound and its stability will not be endangered by their use as a residential / public use for which structure / building is intended. At present the value of RCC compressive strength is @ 20 N/mm².

If structures show any signs / symptoms / manifestation of any distresses such as, cracks, corrosion of reinforcement, spilling of concrete, deflection / sag in any structural members / walls, settlement of foundations / floors / ground, leakage etc.; after submission of this structural audit report, it shall be immediately brought to my notice. If found necessary, the structure may be inspected again and validity of this stability certificate may be modified if required.

This certificate is valid for a period of maximum 4 years and is issued on the clear understanding that may overall responsibility for the structural stability of the building and its proper structural performance will cease, the moment any additions or alterations, change in loads, structural changes to the structural frame are carried out without any structural engineer's advice or by accident or due to tampering by the users / occupants for any reason whatsoever. This certificate ceases in the event of overloading or

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Er. Kumar Ujjwal B.E. (Civil), MIE (M1513367) lack of proper maintenance of structure or distress /unbalance caused by any adjoining structures or construction activity or any such act, which is detrimental to the structure. Further this certificate does not guarantee stability of the structure, if there are any inbuilt deficiencies, fault in original structural designs detailing and construction quality or workmanship of the said building; including incorrect assessment of bearing capacity of the strata on which foundations are resting & possibility of settlement, incorrect assessment of water table and its effects etc. at the time of construction. The stability of the structure is assessed only for dead and live load and that too, based on the visual observations of superstructure and it do not cover any risk arising due to earthquake, wind, fire vibration etc. and any other unforeseen forces causing distress and instability to the structure.

Signed by

Er. Kumar Ujjwal B.E. (Civii), MIE (M1513367)

Er. Kumar Ujjwal

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