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- Fellow of Institution of Engineers India FIE F-1215562
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- Indian Water Resources Society Roorkee India LM-2003-5418
- Earthquake Society of India

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STRUCTURE DESIGNER
CHARTERED ENGINEER
APPROVED VALUER

Date 05-07-2019

STRUCTURAL STABILITY CERTIFICATE


Certified that the structural design of **The Sophia English Medium Senior Secondary School Railway Colony (Ozpora) Saharanpur (U.P.)** is based on Indian National Building code:2005. The Live Loads / Imposed Loads and Wind Loads are taken as per I.S. 875:1987, the Seismic loads are taken as per I.S. 1893 pt-Ist :2002, The design bending moments, shear forces and torsion and also allowable stresses in concrete and Steel are taken as per I.S. :456:2000 and I.S. 800:2007 respectively.

The allowable settlement of foundation adopted as per I.S. 6403 : 1981 and allowable deflection in beams and columns and sway of building is taken as per I.S.:456:2000. The Ductility and Earthquake resistant provisions are provided as per I.S. 13920 :1993 and I.S. 1893pt-I:2002 respectively.

The above mentioned building is safe against Dead Loads, Live Loads / Imposed Loads, Wind Loads and Seismic Loads of Zone -IV.


PRINCIPAL
Sophia Girls' Sr. Sec. School
SAHARANPUR

ATTESTED


(Er. SAHADEO)

FIE. 1215562, FIV-18637
M.E. (CIVIL) Structural Dynamics (E.Q.)
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STRUCTURAL ENGINEER

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