



# Kankarwal & Associates

Mob. No. 82953-59597  
98962-19796

Architects, Engineers, Valuers, Estimators & Land Survey Consultants  
Indri Chowk, Ladwa (Kurukshehra)  
Email: ravidutt577@gmail.com

LIC NO. HOBPAS-REG-88/18-19

Ref No. 2022-23/49

Dated. 10-01-2022

## CERTIFICATE FOR STRUCTURAL SUITABILITY


**CERTIFICATE** to be submitted along with the building application only signed by a qualified Engineer Certified that the structural parts of the entire building situated on Indri Road at Ladwa Tehsil Ladwa Distt. Kurukshehra Street/Road belonging to Doon Public School Ladwa have been designed by me on basis of calculation and are considered safe in accordance with permissible stresses and slenderness ratios as laid down in these bye-laws.

The specifications are as below:-

<u>ITEMS</u>	<u>SPECIFICATIONS</u>
1. Foundations	C.Conc. 1:8:16
2. Walls	First Class brick work laid in cement sand mortar (1:7)
3. Damp. Proof Course (DPC)	40 mm th. C.Conc. 1:2:4 with two coats of hot bitumens laid.
4. Roof	115 mm th. R.C.C slab (1:2:4) as per I.S. 456 with two coats hot bitumens laid.
5. Steel work	Cold twisted mild steel deformed bars as per I.S. 229.
6. Floors	There is C.conc. flooring in the rooms and verandah.
7. Doors, Windows and other	Chowkets of Z-Section/M.S angle iron and shutters of the wood works doors & windows paneled and enamel painted
8. Internal Finish	cement plastering with cement mortar (1:5) finished with two coats of white wash.
9. External Finish	cement plastering with cement mortar (1:5) finished with two coats of white wash.
10. Ventilation	Full size windows have been provided along with doors and are sufficient for ventilation.

It is hereby certified that the school building is structurally safe and to this I accord my Signatures

Signature of the Engineer.

  
ER. SUMIT KUMAR 10/01/2022  
HOBPAS-REG-88/18-19  
KANKERWAL & ASSOCIATES  
Architects, Engineers, Valuers  
BDO Office, Road, Ladwa (KRR)