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# Kankerwal & Associates

Engineers, Valuers, Architectural Designer, Estimators & Land Survey Consultants

H.O. : # 73, Sector-5, U.E., Kurukshetra (Haryana)

B.O. : Indri Chowk, Ladwa (Kurukshetra)

Ref. No. ....

Dated 24-03-2022

## STRUCTURE STABILITY CERTIFICATE

It is Certified that the Building of **Guru Teg Bahadur International School**, at Village **Kangwal**, Distt. Ambala, is structurally safe and fit for human use. The local soil condition, its load bearing capacity and underground water table have been kept in view while designing the same. **It's structure design checked and certified that it is safe.**

The Building is a Single storey building and consists of 20 rooms, 8 Toilets, 1 stair case, 1 Ramps and has provision for lift. Roof covered with R.C.C Slab and Tile flooring provided in the rooms. The building has Vernadach of 10'-0" wide and roof covered with R.C.C slab, floors tiles of size (2'-0"X2'-0") in the vernadah.

The building has been amply provided with ,drinking water, toilets and electricity.

The specifications are as below:-

### ITEMS

### SPECIFICATIONS

- |                             |   |
|-----------------------------|---|
| 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 thk. C.C 1:2:4 with two coats of Bitumen laid.                                      |
| 4. Roof                     | 115 mm th. R.C.C slab (1:1½:3) as per I.S. 456-2000 with two coats hot bitumens laid.     |
| 5. Steel work               | Cold twisted mild steel deformed bars as per I.S. code 800.                               |
| 6. Floors                   | There is Tile flooring in the rooms and Verandah.   |
| 7. Doors, Windows and other | Powder coated Aluminium frame of doors & windows panels.                                  |
| 8. Internal Finish          | Cement plastering with cement mortar (1:5) finished with two coats of Emulsion.           |
| 9. External Finish          | Cement plastering with cement mortar (1:4) finished with two coats of weather coat paint. |
| 10. Ventilation             | Full size windows have been provided alongwith doors and are sufficient for ventilation.  |

**In my view, the building is very good, fit and safe to serve as School Building.**

Prepared By.

  
**ER. SUMIT KUMAR**  
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