

## STRUCTURE STABILITY CERTIFICATE

The certificate to be submitted with the application for building permission with the building drawings and Building information Schedule attached structural drawing.

### PROJECT TITLE:

ADDITION ALTERATION PLAN FOR SHRI GURU RAM RAI PUBLIC SCHOOL, VASANT VIHAR, DISTT. DEHRADUN.

### 1. Location / Address of Building

- Plot No:
- Scheme/Colony: VASANT VIHAR
- Town:
- District: DEHRADUN (U.K.)

### 2. Particulars of Building

- Ground Coverage (%). 15.05%
- Total covered area (sq. mt.). 1352.02
- Maximum Numbers of Floors above ground. G+1

**OBSERVATIONS:** It is found that Existing building and corresponding drawing has been built according to earthquake resistant design based on Indian Standards codes. I am of the opinion that the buildings are in accordance with the plans. These buildings are structurally sound and their stability will not be endangered by their use as school.

**REMARKS:** Building is safe and stable

Signature of owner with date & Name  
(Block): - PRINCIPAL SHRI GURU  
RAM RAI PUBLIC SCHOOL,  
VASANT VIHAR, DEHRADUN.

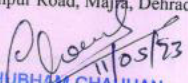
Signature of the Engineer the structure.  
Engineer

Name (Block): Er. SHUBHAM CHAUHAN  
Address: Shop No. 1, 1st Floor, Shreeji  
Tower, Saharanpur Road, Majra, Dehradun.  
Legible seal:



PRINCIPAL

Shri Guru Ram Rai Public School  
Vasant Vihar, Dehradun (Uttarakhand)  
Sch. No.: 81076, Aff. No.: 530062



Er. SHUBHAM CHAUHAN  
Authorised Structural Engineer  
Shop No.1, 1st Floor, Shreeji Tower  
Saharanpur Road, Majra, Dehradun  
Reg.No.DOH-UK/G-II/ASE-08/2022

## STRUCTURAL SAFETY AND NATURAL HAZARD

### PROTECTION OF BUILDING

Requirement specified in the following Indian standards, codes and guidelines and other documents needs to be observed for structural safety and natural hazard protection of building etc: -

#### 1. For General structural safety -

- a. IS:1905-1987 Code of practice for structural safety of building.
- b. Masonry walls Indian standards institution march 1981.
- c. IS: 456-2000 code of practice for plain and reinforced concrete'' Indian standards institution, February 1985.
- d. IS:800-1984 ''code of practice for general construction in steel'' Indian standards institution, February 1985.
- e. IS:833-1966'' code of practice for design of structural Timber in building'' Indian standards institution, march 1967.

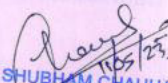
Besides any other relevant Indian standards will need to be referred to.

#### 2. For each quake Protection.

- a. IS:200-1984'' code of practice for general construction in steel'' Indian standards institution, February 1985.
- b. IS:1920-1993 '' Ductile detail of reinforced concrete structures subjected to science force - code practice'' November.
- c. IS:4326-1993'' Earthquake resistance design and construction of building- code of practice (second revision) October 1993.
- d. IS:13826-1993'' Improving earthquake resistance of low strength masonry building- Guidelines'' August 1993.
- e. IS:13827-1993 '' Improving earthquake resistance of earthen. Building - Guidelines'' November 1993.
- f. '13935-1993'' Repair and science strengthening of Building- Guidelines'' November 1993.
- g. ''Improving earthquake resistance of building-Guidelines by Expert Group government of Indian.
- h. Ministry of urban affairs & employment published by building material and technology protection council, 1998
- i. The national building Code of Indian-1983,

For location of the building in hazard prone area of earth quake, cyclone or windstorm and floods, reference may be made to the following:

- j. Vulnerability atlas of India by expert group government of India ministry of urban affairs & employment, published by building materials and technology promotion council 1997

  
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