

Er. B.S. VIJAYAKUMAR,

B.E.(Civil), M.E.(Struct), M.Sc.(REV), FIV, MIE, C.Eng (I),

Civil Engineer, Structural Engineer,

Chartered Engineer, Govt. Approved Valuer,

Registered Valuer of Income Tax Dept. & IBBI,

Panel Engineer to issue Stability Certificate-Class 1A

OFF :

No. 21-A, First Floor,

"VIJAY COMPLEX", Chittoor Road,

(Canara Bank Upstairs),

Tiruttani - 631 209.

Mobile : 94434 17931 & 86107 00968

E-mail : vijayassociates64@gmail.com

STRUCTURAL SOUNDNESS CERTIFICATE
STATEMENT ACCOMPANYING FORM - A

1. Name of the Building : **GT Vidhya Mandir - CBSE School**
2. Location (Street No. ward No. Name of place, ie Corporation Municipality/Town Panchayat) : Survey Nos. 1227/2B2 Part, 1227/1C, 1227/2A1, 1227/2B1 & 1227/2B3, Vadamadurai Village, Ellapuram Panchayat Union, Uthukottai Taluk, Tiruvallur District. Mr. N. Sebastian, Mobile : 98409 03361
3. Year of construction : G.F. = 2013 & F.F. = 2019
4. Approximate cost of construction as per current rate : Rs.9 Crore
5. Purpose for which the building is being used or proposed to be used : Educational Purpose - CBSE School
6. Purpose for which the building has hitherto been used : Educational Purpose - CBSE School
7. Details of construction of the building (particulars) of the foundation, soil specification of various parts as under
 - a. Foundation : Isolated R.C.C. Column Footing Foundation.
 - b. Basement : Tie Beam, Plinth Beam & Brick work in C.M.
 - c. Superstructure : R.C.C. Columns, Beams, Slab & Infilled brick masonry walls in C.M.
 - d. Roof : R.C.C. Roof
 - e. Flooring : Vitrified Ceramic tiles flooring.
8. Period for which licence is required : **01-06-2020 To 31-05-2023 (for 3 years only)**
9. Number of persons to be accommodated : 1,000 students & 50 Staff Members

Date : 01-06-2020



B.S. Vijayakumar
Signature of the Panel Engineer

Registration No. 30251/05/D1, Class - 1A

Er. B.S. VIJAYAKUMAR,

M.E. (Struct), FIV, MIE, C.Eng.,
Structural Engineer, Chartered Engineer.

Panel Engineer to issue Stability Certificate,

Licensed Surveyor, Approved Valuer for Banks

Registered Valuer of Income Tax Dept.,

No. 21, Chittoor Road,

Tiruttani - 631 209.

Certified that no addition or alteration has been made to the existing building or portion of a building for which this application has been made. I undertake to obtain a fresh license in case any addition or alteration is made to the existing building or portion of building. I also undertake to obtain a fresh license if the purpose for which the license was granted for the use of the building or a portion of the building originally is changed or altered subsequently.

Date : 01-06-2020

Signature of Owner of the Building

CERTIFICATE OF STRUCTURAL SOUNDNESS
ANNEXURE TO STATEMENT ACCOMPANYING FORM "A"

This is to certify that I have inspected **GT Vidhya Mandir - CBSE School** located in **Survey Nos. 1227/2B2 Part, 1227/1C, 1227/2A1, 1227/2B1 & 1227/2B3, Vadamadurai Village, Ellapuram Panchayat Union, Uthukottai Taluk, Tiruvallur District. This School Premises consists of R.C.C. Roof Building** constructed in the year **2013 & 2019**.

This certificate covers the above mentioned buildings only and does not cover any other buildings or structures such as thatched sheds, semi / non permanent structures, compound wall, etc. This certificate does cover any building partly completed / building under construction. I hereby advise that the periodical repairs & renovations shall be carried out to the entire buildings regularly.

I found that there were no visible defects noticed in the building and it is **Structurally Sound** to run **School**. This certificate does not include any eventualities caused by all natural calamities. If any fire accident / or any other mishap occurs I am not held responsible. Access to open terrace is to be kept lock & key position. All electrical panel boards / main switches / cables / generator / electrical maintenance room has to be kept in safety with lock & key position. The U.G. Sump, manholes, OHT inspection chamber, septic tank openings has to be sealed with cover slab. Structural alterations / deviations should not be carried out to any of the buildings without prior permission from the competent authority. If any above mentioned aspects would be found violated at a later date after issue of this certificate / license, I am not held responsible for any eventualities caused and this certificate gets invalid.

Date : 01-06-2020



B.S. Vijayakumar 01/06/2020
Signature of the Panel Engineer
Registration No. 30251/05/D1, Class - 1A
Er B.S. VIJAYAKUMAR,
M.E. (Struct), FIV, MIE, C.Eng.,
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Tiruttani-631 209.

FORM - B

**STATEMENT TO ACCOMPANY THE CERTIFICATE OF
STRUCTURAL SOUNDNESS**

Location of the building, Door No., Street Name & Name of the Place.	Age of the building	Value of the Building Rs.	No. of Storeys	Short Description of structure, Steel, RCC framed or load bearing masonry.
GT Vidhya Mandir - CBSE School, Survey Nos. 1227/2B2 Part, 1227/1C, 1227/2A1, 1227/2B1 & 1227/2B3, Vadamadurai Village, Ellapuram Panchayat Union, Uthukottai Taluk, Tiruvallur District.	2013 = 7 years	Rs.9 Crore	G.F. & F.F. only G.F. = 2,827.66 sq.m (30,426 sq.ft) F.F. = 2,827.66 sq.m (30,426 sq.ft) Total Area = 60,852 sq.ft	R.C.C Roof Framed Structure

Purpose for which the building is certified	The period for which the building will be structurally sound	No. of Persons accommodated	Remarks
Educational purpose - CBSE School	01-06-2020 To 31-05-2023 (for 3 years only)	1,000 students & 50 Staff Members	This certificate does not cover any thatched shed and other non permanent structure. This certificate does not cover any casualties caused due to natural calamities.

Date : 01-06-2020



B.S. Vijayakumar
Signature of the Panel Engineer
Registration No. 30251/05/D1, Class - 1A
Er B.S. VIJAYAKUMAR,
M.E. (Struct), FIV, MIE, C.Eng.,
Structural Engineer, Chartered Engineer,
Panel Engineer to issue Stability Certificate,
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Registered Valuer of Income Tax Dept.,
No. 21, Chittoor Road,
Tiruttani-631 209.

FORM - C

Form of certificate of structural soundness under sub-section (4) of section 4 of the Tamil Nadu public buildings (Licensing) Act 1965 (Tamil Nadu Act 1 of 1965) referred to in rule 4 of the Tamil Nadu public building (Licensing) Rules, 1966.

I certify that I have inspected the building mentioned in the statement and furnish below its salient technical features.

1. Foundation :

- a. Depth below ground level : 2.74 m from G.L
- b. Nature of soil met with at foundation level. : Coarse Gravel soil
- c. Pressure at foundation : 150 KN/sq.m (G.F. & F.F. only)
- d. Probable safe bearing capacity of the soil strata met with at foundation : 200 KN/sq.m

2. Superstructure :

- a. Maximum stress in the most critical section of masonry and concrete : Brick masonry = 4.50 N/mm²
M20 Grade Concrete = 5.00 N/mm²
- b. Nature of masonry and concrete and its safe premissible stress : Brick masonry = 5.00 N/mm²
M20 Grade concrete, σ_{cbc} = 7.00 N/mm²

The structural soundness of the building has been verified by me with reference to ISI loading standards, IS : 875 (Latest version) and other relevant Indian Standard Code of practices. I declare that the building is **Structurally Sound** to be used as a **Public Building** for the purpose as noted in the statement.

A licence may be granted for the period from **01-06-2020 To 31-05-2023 (for 3 years only)**

Date : 01-06-2020



Signature of the Panel Engineer
Registration No. 30251/05/D1, Class - 1A
Er B.S. VIJAYAKUMAR,

M.E. (Struct), FIV, MIE, C.Eng.,
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Registered Valuer of Income Tax Dept.,
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Tiruttani-631 209.

PUBLIC WORKS DEPARTMENT

From

Er.K.Rangaraju Gupta, B.E.,
Engineer-In-Chief, WRO.&
Chief Engineer(General), PWD
Chepauk, Chennai-600 005.

To

The District Collector,
Thiruvallur District,
Thiruvallur

Letter No. AEE / T1 / JE/54160/06/date 31.05.07

Sir,

Sub: Tamil Nadu Public Building (Licensing) Act 1965 -
Inclusion of the name of **Thiru B.S.Vijayakumar** in
the panel of Private Practicing Engineer under **Class IA**
(one A) in Thiruvallur District - Approval of the
Board of Engineers -Reg.


Ref: 1.Your Lr.No. Rc. 30261/2006/dated 15.11.06
3. BOE Proc No. BOE/460-7/2007 dated 30.05.07

Anent the reference (1) cited, I wish to state that the Board of Engineers
in their 460th meeting held on 18.05.07 have discussed in detail and after
elaborate deliberation the Board have decided to recommend the name of
Thiru B.S.Vijayakumar for inclusion in the panel of private practicing
Engineers under Class IA (one A) category (the value of Building works
cost exceeds more than Rs. 30.00 lakhs) in Thiruvallur District.

This is for kind information and taking necessary action at your end.
Further the registration made in favour of the applicant may be communicated
to this office.

The receipt of the letter may kindly be acknowledged.

Encl: BOE proc. (2) cited


For Engineer-In-Chief, WRO &
Chief Engineer (General), PWD

Copy to Thiru B.S.Vijayakumar, M.E., No.21, Chittoor Road, Tiruttani - 631
209, Thiruvallur District