

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

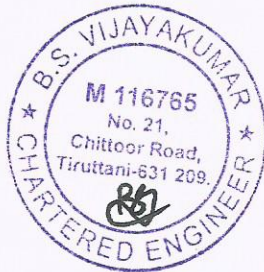
E-mail : vijayassociates64@gmail.com

STRUCTURAL SOUNDNESS CERTIFICATE

STATEMENT ACCOMPANYING FORM "A"

1. Door Number of the Building : **GRT Mahalakshmi Vidyalaya School**
2. Location (Street No., Ward No., Name of Place, ie Corporation Municipality/Panchayat/Panchayat Union/Township/Cantonment) : S. Nos.219/16A, 16B, 17A, 17B, 18, 19 & 20, GRT Mahalakshmi Nagar, Chennai to Tirupathi National Highways Road, Pattabiramapuram Village, Tiruttani Taluk, Tiruvallur District. Mobile : 98409 13388
3. Year of construction : Building - A = 2016 & Building - B = 2019
4. Approximate cost of construction as per current rate : Rs.12.75 Crore
5. Purpose for which the building is being used or proposed to be used : Educational purpose - GRT Mahalakshmi Vidyalaya School
6. Purpose for which the building has hitherto been used : Educational purpose - GRT Mahalakshmi Vidyalaya School
7. Details of construction of the building (particulars of the foundation soil specification of various parts under -
 - (1) Foundation : R.C.C. Column footing foundation
 - (2) Basement : Plinth Beam & Brick work in C.M 1:5.
 - (3) Superstructure : R.C.C. Columns, Beams & Infilled brick masonry walls
 - (4) Roof : R.C.C. Roof.
 - (5) Flooring : Marble, Granite & Vitrified Ceramic tiles Flooring
8. Period for which license is required : **01-04-2022 To 31-03-2025 (For 3 years only)**
9. Number of persons to be accommodated : 5,000 students

Date : 16-02-2022



B.S. Vijayakumar 16/02/2022
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.,

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 : 16-02-2022

B.S. Vijayakumar
Signature of the Owner of Building

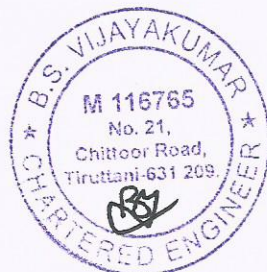
CERTIFICATE OF STRUCTURAL SOUNDNESS
ANNEXURE TO STATEMENT ACCOMPANYING FORM "A"

This is to certify that I have inspected **GRT Mahalakshmi Vidyalaya School** located in **S. Nos.219/16A, 16B, 17A, 17B, 18, 19 & 20, GRT Mahalakshmi Nagar, Chennai to Tirupathi National Highways Road, Pattabiramapuram Village, Tiruttani Taluk, Tiruvallur District.**
This **School Premises** consists of **R.C.C. Roof Building** constructed during **2016 & 2019.**

This certificate covers the above mentioned buildings only and does not cover any other buildings or structures such as thatched sheds, semi / non permanant structures, compound wall, etc. This certificate does not 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 the **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 positon. All electrical panel boards / main switches / cables / generator / electical maintenance room has to be kept in safety with lock & key positon. The U.G. Sump Manholes, OHT, Inspection Chambers, 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 : 16-02-2022



B.S. Vijayakumar 16/02/2022
Signature of the Panel Engineer
Registration No.30251/05/D1, Class - 1A
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No. 21, Chittoor Road.

FORM - B

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

Location of the building, (Door Number, Street & Name of the Place)	Age of the building	Value of the Building	No. of Storeys	Short description of Structure - Steel- RCC Framed or load bearing masonry.
GRT Mahalakshmi Vidyalaya School, S. Nos.219/16A, 16B, 17A, 17B, 18, 19 & 20, GRT Mahalakshmi Nagar, Chennai to Tirupathi National Highways Road, Pattabiramapuram Village, Tiruttani Taluk, Tiruvallur District.	<u>Building - A</u> 2016 = 6 years <u>Building - B</u> 2019 = 3 years	Rs.12.75 Crore	G+2 Floors only <u>Building - A</u> G.F. = 11,514 sq.ft F.F. = 11,514 sq.ft S.F. = 11,514 sq.ft <u>Building - B</u> G.F. = 15,215 sq.ft F.F. = 15,215 sq.ft S.F. = 15,215 sq.ft Total Area = 80,187 sq.ft	R.C.C. Roof Framed Structure

Purpose for which the building is certified for use	The period for which the building will be structurally sound	No. of persons to be accommodated	Remarks
Educational Purpose - GRT Mahalakshmi Vidyalaya School	01-04-2022 To 31-03-2025 (For 3 years only)	5,000 students	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 : 16-02-2022



Bhagwanth 16/02/2022
Signature of the Panel Engineer
Registration No. 30251/05/D1, Class - 1A

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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 :

- | | | |
|---|---|--|
| (i) Depth below ground level | : | 2.44 m |
| (ii) Nature of soil met with at foundation level | : | Brownish Moorum & Soft disintegrated Rock Soil |
| (iii) Pressure at foundation | : | 180 KN/sq.m |
| (iv) Probable safe bearing capacity of the soil strata met with at foundation | : | 300 KN/sq.m (Soil Test Report Submitted by M/s. Mars Synergy Geo Tech Pvt. Ltd.) |

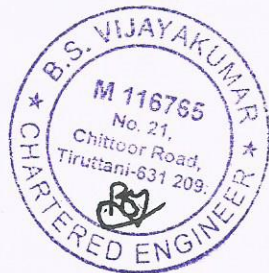
(2) Superstructure :

- | | | |
|--|---|--|
| a. Maximum stress in the most critical section of masonry and concrete | : | Brick masonry = 4.00 N/mm ²
M20 Grade Concrete = 5.00 N/mm ² |
| b. Nature of masonry and concrete and its safe premissible stress | : | Brick masonry = 4.50 N/mm ²
M 20 G r a d e C o n c r e t e , σ_{cbc} = 7.00 N/mm ² |

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 and declare that the building is **Structurally Sound** to be used as a **Public Building** for the purpose noted in the statement.

A licence may be granted for the period from **01-04-2022 To 31-03-2025 (For 3 years only)**

Date : 16-02-2022



Bhannu 16/02/2022
Signature of the Panel Engineer
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