

# STRUCTURAL STABILITY CERTIFICATE

**Er.R.Periyasamy,**

ME(Struct), M.Sc(Valuation), (PhD), MIE, FIV, PGDQSV, MIGS.,

**Chartered Engineer, Registered Valuer and Structural & Retrofitting Consultant**



**Registered Valuer of Income Tax Dept. (under Wealth Tax Act.1957) - Panel Valuer for Banks - Structural & Retrofitting Consultant - Consultant for Flat Buyers - Panel Engineer for issuing stability Certificates for Public Buildings - Competent person under Tamilnadu Factories Act.**

**Administrative Office**

**Flat No.1, Ground Floor, Old No.58, New No.7, 4<sup>th</sup> Street,**

**AA Block, Annanagar East, Chennai 600 040.**

**Phone : 044-4550 6087 Mobile: 98400 46087 / 75984 16087**

**Email: rperiyasamy@rediffmail.com / periyasamy@chennaiengineer.com**

***www.charteredengineer.in***

**Registered Office**

**Old No.15, New No.33, 8<sup>th</sup> Cross Street, Shenoy Nagar West, Chennai 600 030**

**Phone: 044-2628 6087**

**STATEMENT ACCOMPANYING FORM-A**

1	Door Number of the building	Door No.9-B, (Auditorium Building)
2	Location (Street No. Ward No., Corporation/Municipality/ Panchayat/ Panchayat Union/ Town Ship /Cantonment)	<b>Chinmaya Vidyalaya Senior Secondary School</b> "Tapovanam", (T.S No.145/9 Block No.11, Egmore Village) No.9-B, Taylors Road, Kilpauk, Chennai 600 010
3	Year of Construction	2010
4	Approximate cost of construction (Present)	Rs.470 Lakhs
5	Purpose for which the building is being used or propose to be used	School Building and Auditorium
6	Purpose for which the building has hitherto been used	School Building and Auditorium
7	Details of construction of the building (Particulars) of the foundation, soil, specification of Various Parts as under	
	a. Foundation	Isolated RCC Footings / Raft Foundation
	b. Basement	In Brick work in CM 1:6 / RCC wall
	c. Super Structure	Brick work in Cement mortar with plastering both sides in Cement mortar.
	d. Floor and roof	Flooring - Cement Flooring Roofing - RCC
8	Period for which License is required	<b>10.01.2023 to 09.01.2026</b>
9	Number of persons to be accommodated	Ground Floor & Mezzanine floor (Auditorium) - 600 Nos First Floor - 300 Nos Second Floor - 300 Nos (As reported by the School Management)

Signature of the  
Owner of the Building

Signature of the Panel Engineer.(Class-Ia)  
Chennai Collectorate

**Er.R.Periyasamy**

ME(Struct), MSc(Val),(PhD), PGDQSV, MIE, FIV, MIGS,  
Chartered Engineer & Govt. Regd. Valuer,  
C Eng No. 121991-4

Authorized Engineer to Issue Stability  
Certificates For Public & Factory Buildings  
Old No.15, New No.33, 8th Cross Street,  
Shenoy Nagar, Chennai-600 030.

Certified that no addition or alteration has been made to the existing building or portion of the 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 the 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 portion of the building originally is changed or altered subsequently. Also it is certified that no thatched buildings are used within the above premises. If any thatched buildings are constructed after the issue of this license, we are held responsible for any fire accidents that occur and that I/We aware that our license will be cancelled.

Signature of the Owner of the Building

Old No.15, New No.33, 8<sup>th</sup> Cross Street, Shenoy Nagar West, Chennai 600 030.

Ph: 044-4550 6087, 2628 6087 Mobile 98400 46087 / 75984 16087

Email: rperiyasamy@rediffmail.com / rperiyasamy@chennaiengineer.com  
www.charteredengineer.in

**FORM -B**

(FORM OF OPINION UNDER SUB-SECTION (10) OF SECTION (5) OF MADRAS PUBLIC BUILDINGS (LICENSING) ACT 1865 (MADRAS ACT 13 OF 1965) REFERRED TO IN RULE 5 OF THE TAMILNADU PUBLIC BUILDINGS (LICENSING) RULES 1965)

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

**1. Foundation**

i. Depth of foundation	2.44 M and 3.66 M
ii Nature of soil set out in the foundation Level	Sand mixed Stiff clay
iii. Pressure at the bottom of foundation	13 tons / Sq.m
iv. Probable safe bearing capacity of the Strata met with at foundation.	20 tons/Sq-m

**2. Super structure**

i. Maximum stress in the most critical Section of masonry and concrete	Brick Work in CM	0.5 N/mm <sup>2</sup>
	M20 Grade	6.1 N/mm <sup>2</sup>
ii. Nature of masonry and concrete and its Safe permissible stress	Brick Work in CM	1.5 N/mm <sup>2</sup>
	M20 Grade	7.0 N/mm <sup>2</sup>

The structural Soundness of the building has been verified by me with reference to ISI loading Standards 875(Latest) and other relevant Indian Standard Code of practices and I declare that the building is structurally sound to be used as a public building from **10.01.2023 to 09.01.2026** subject to maintaining the building as per standards.

Dated: 24.12.2022

Signature of the Panel Engineer (Class-Ia)  
Chennai Collectorate

**Er.R.Periyasamy**

ME(Struct), MSc(Val),(PhD), PGDQSV, MIE, FIV, MIGS,  
Chartered Engineer & Govt. Regd. Valuer,  
C Eng No. 121991-4  
Authorized Engineer to Issue Stability  
Certificates For Public & Factory Buildings  
Old No.15, New No.33, 8th Cross Street,  
Shenoy Nagar, Chennai-600 030.

Old No.15, New No.33, 8<sup>th</sup> Cross Street, Shenoy Nagar West, Chennai 600 030.

Ph: 044-4550 6087, 2628 6087 Mobile 98400 46087 / 75984 16087

Email: rperiyasamy@rediffmail.com / periyasamy@chennaiengineer.com  
www.charteredengineer.in

(FORM OF CERTIFICATE OF STRUCTURAL UNDER SUB-SECTION (4) OF MADRAS PUBLIC BUILDINGS (LICENSING) ACT 1965 (MADRAS ACT 13 OF 1965) REFERRED TO IN RULE 4 OF TAMILNADU PUBLIC BUILDING (LICENSING) RULES 1966)

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

Location of the building Door No. Street Name & Name of the place (1)	Age of the Building (2)	Value of the building (3)	No. of storey (4)	Short description of the structure, Steel, RCC frame and load bearing masonry (5)
<i>Auditorium Building</i> <b>Chinmaya Vidyalaya Senior Secondary School</b> "Tapovanam" (T.S No.145/9 Block No.11, Egmore Village) No.9-B, Taylors Road, Kilpauk, Chennai 600 010	Twelve years	<b>Rs.470 Lakhs</b>  (Present Construction Cost)	Basement (Part) Ground, Mezzanine, First and Second Floors Only	This building is having basement (Part) Ground, Mezzanine (part), First and Second Floors with one staircase in this building and having connection in First floor and Second floor to the other block as second entry/exit which has three staircases. Mezzanine floor also has two stairs. <b>Basement floor doesn't have second stair case.</b>

Purpose for which the building is certified for use (6)	The Period for which the building will be structurally sound (7)	No. of Persons to accommodated (8)	Remarks (9)
School Building / Auditorium	10.01.2023 to 09.01.2026	Ground Floor & Mezzanine floor (Auditorium) - 600 Nos First Floor - 300 Nos Second Floor - 300, Nos  (As reported by the School Management)	This Building is structurally sound for next Three years from the date of issue of this Certificate.  <i>Note:</i> a) Structural modifications and additional constructions shall not be made to the building. b) Building shall be periodically maintained as per standards. c) Basement Floor shall not be used as class rooms for running classes

Signature of the Panel Engineer (Class.1a)

Chennai Collectorate

**Er.R.Periyasamy**

ME(Struct), MSc(Val), (PhD), PGDQSV, MIE, FIV, MIGS,  
Chartered Engineer & Govt. Regd. Valuer,  
C Eng No. 121991-4

Authorized Engineer to Issue Stability  
Certificates For Public & Factory Buildings

Old No.15, New No.33, 8th Cross Street, Shenoy Nagar, Chennai-600 030.

Old No.15, New No.33, 8th Cross Street, Shenoy Nagar, Chennai-600 030.

Ph: 044-4550 6087, 2628 6087 Mobile 98-400 46087 / 75984 16087

Email: rperiyasamy@rediffmail.com - rperiyasamy@chennaiengineer.com

www.charteredengineer.in

**FORM - C**

(FORM OF OPINION UNDER SUB-SECTION (10) OF SECTION (5) OF MADRAS PUBLIC BUILDINGS (LICENSING) ACT 1865 (MADRAS ACT 13 OF 1965) REFERRED TO IN RULE 5 OF THE TAMILNADU PUBLIC BUILDINGS (LICENSING) RULES 1965)

I have inspected the building specified in the statement above and I have satisfied myself that the building is structurally sound to be used as public buildings for the purpose specified in the statement for a period of three years from 10.01.2023 to 09.01.2026 subject to maintaining the building as per standards. The structural soundness of the buildings has been verified taking into account the loading as per the latest Indian Standard 875. I am therefore of the opinion that a license may be granted for a period of three years from 10.01.2023 to 09.01.2026

**STATEMENT ACCOMPANYING THE OPINION REGARDING STRUCTURAL SOUNDNESS**

Location of building Door No and Street	Age of building	purpose for which the building is going to be used	purpose for which the building will be structurally sound	No of persons to accommodated
<i>Auditorium Building Chinmaya Vidyalaya Senior Secondary School "Tapovanam" (T.S No.145/9 Block No.11, Egmore Village) No.9-B, Taylors Road, Kilpauk, Chennai 600 010.</i>	Twelve years	School Building / Auditorium	School Building / Auditorium	Ground Floor & Mezzanine floor (Auditorium) - 600 Nos First Floor - 300 Nos Second Floor - 300 Nos  (As reported by the School Management)

**Area Statement .**

Floor	Basement	Ground	Mezzanine	First	Second	Total
<b>Plinth area in Sqft</b>	2280	7800	3480	7800	7800	<b>29160</b>
<b>Carpet Area in Sqft</b> (As per IS Code of practice excluding the Toilet, Passage and Utility Area)	1320	4630	2240	4580	4580	<b>17350</b>
<b>Total Flooring Area in Sqft</b> (Area including Passage & Toilet excluding Wall thickness)	1950	6800	3030	6630	6630	<b>25040</b>

Dated 24.12.2022

Signature of the Panel Engineer (Class-1a)  
Chennai Collectorate**Er.R.Periyasamy**ME(Struct), MSc(Val), (PhD), PGDQSV, MIE, FIV, MIGS,  
Chartered Engineer & Govt. Regd. Valuer,  
C Eng No. 121991-4Authorized Engineer to Issue Stability  
Certificates For Public & Factory Buildings  
Old No.15, New No.33, 8th Cross Street,  
Shenoy Nagar, Chennai-600 030.Old No.15, New No.33, 8<sup>th</sup> Cross Street, Shenoy Nagar West, Chennai 600 030.

Ph: 044-4550 6087, 2628 6087 Mobile 98400 46087 / 75984 16087

Email: rperiyasamy@rediffmail.com / rperiyasamy@chennaiengineer.com  
www.charteredengineer.in