

# **STRUCTURAL STABILITY CERTIFICATE**

*for*

**UNION CHRISTIAN PUBLIC SCHOOL  
(NEW BLOCK) ✓**

*at*

No: 29, Pachaiappas College Hostel Road, Chetpet,  
Chennai-600031.

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***Certificate Valid From 01.04.2024 to 31.03.2027***

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*Issued By*

**Er.Moses Aranganathan B.E.,M.E(struct).,FIE(I).,FIV.,F.I.A(Struct.E)**  
Govt.Authorized Structural Stability Engineer  
(Thiruvallur, Chennai, Kancheepuram, & Chengalpattu)  
F2, Phase-II, Block No: 6, Ganga Aashika Apartments,  
Seemathamman Nagar, Maduravoyal, Ch – 95.  
Ph:9500106255

...d has done great things for us,  
...e are filled with joy. Psalms 126:3

**S. MOSES ARANGANATHAN**

B.E., M.E., (Struct), C.Engg., FIE., FIA (Struct E), FI

- Regd Panel Engineer (Class IA) by District Collector & TN PWD CE Chennai, Tiruvallur, Kancheepuram & Chengalpattu Districts
  - Registered Panel Valuer in Income Tax Dept (Category I)
  - CMDA & DTCP Structural Engineer (SE) Grade I
  - CMDA & DTCP Construction Engineer (CE)
  - CMDA & DTCP Registered Engineer Grade I
  - CMDA Registered Quality Auditor
  - Chartered Engineer & Structural Engineer
- ✉ mosessomu@gmail.com 📞 95001 06255, 95660 50139 & 95661 56139



### STATEMENT ACCOMPANYING FORM A

1	Name of the Building	<b>UNION CHRISTIAN PUBLIC SCHOOL (NEW BLOCK)</b>
2	Address	No: 29, Pachaiappas College Hostel Road, Chetpet, Chennai-600031.
3.	survey number	No:374/19, Block No:22, Egmore, Nungambakkam Taluk.
4	Year of Construction	2004
5	Approximate cost of construction as per current rates:	Rs. 1000 per sq. ft
6	Purpose for which the building is being used or proposed to be used	For running classes STD I to STD VIII
7	The purpose for which the building has hitherto been used	For running classes STD I to STD VIII
8	Details of Construction of the Building Particulars of the Foundation Soil, specifications of the various parts under	RCC Framed structure G+3



**Er. S. MOSES ARANGANATHAN**

M.E.(Struct), FIE., FIV., FIA (Struct E)

Registered Panel Engineer Class-IA by District Collector  
Approved Engineer by PWD Govt. of Tamil Nadu  
Proceeding of Collector of Chennai - V2 / 17113 / 2018  
Maduravoyal, Chennai - 95. Cell : 9500106255

	1. Foundation	Isolated RCC column
	2. Basement	RCC beam and brickwork with Cement Mortar
	3. Superstructure	Brick Work with Cement Mortar
	4. Floor and Roof are to be given	Vitrified tiles & RCC roof
9.	Period for which license is required	<b>01.04.2024 to 31.03.2027</b> (Three Years)
10.	Number of persons to be accommodated	400 Students

No addition or alteration shall not be made to the existing building or portion of a building.



*S. Moses Aranganathan*  
**Er. S. MOSES ARANGANATHAN**  
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 Maduravoyal, Chennai - 95. Cell : 9500106255

## FORM-B

This is to certify that I have inspected the **UNION CHRISTIAN PUBLIC SCHOOL (NEW BLOCK)** located @. No: 29, Pachaiappas College Hostel Road, Chetpet, Chennai-600031. The building is structurally safe to be used as for running classes STD I to STD VIII for the purposes noticed in the statement.


Total plinth Area = 8,830 Sq. Ft

This certificate covers the above-mentioned Building only and does not include any other buildings or structures such as sunshades & compound walls. This certificate does not include any eventualities caused by all-natural calamities. This certificate does not include any thatched sheds. An emergency exists to be provided as per norms. If any Fire accident / or any other mishap occurs at a later date, the certified engineer is not held responsible. Structural alteration / Deviation should not be carried out of the blocks without prior permission from the competent authority. Further, if any above-mentioned aspects were found at a later date after the issue of this certificate/ License and this certificate **gets invalid**.

Signature of the Owner

Dated: 01.04.2024



  
**Er. S. MOSES ARANGANATHAN**  
M.E.(Struct), F.E., FIV., FIA (Struct E)  
Registered Panel Engineer Class-IA by District Collector  
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Proceeding of Collector of Chennai - V2 / 17113 / 2018  
Maduravoyal, Chennai - 95. Cell : 9500106255

## FORM-C

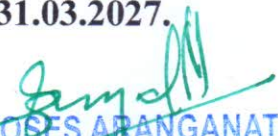
I certify that I have inspected the building mentioned in the statement and furnished its salient technical features below:

<b>1</b>	<b>FOUNDATION</b>	
(i)	Depth below Ground level	2m from G.L (approximate)
(ii)	Nature of soil met with at foundation level	Clayey soil
(iii)	Pressure at foundation	100 kN/m <sup>2</sup>
(iv)	Probable safe bearing capacity of the strata met with at foundation	130 kN/m <sup>2</sup>
<b>2</b>	<b>SUPERSTRUCTURE</b>	
(i)	Maximum stress in the most critical section of RCC M20 in the structure Encountered	4.0 N/mm <sup>2</sup>
(ii)	safe permissible stress in RCC M20 in the Critical section	6.0 N/mm <sup>2</sup>
(iii)	Maximum stress encountered in the most critical section of masonry at the window sill level of G. Floor	Nil - Brick Masonry is used as nonload bearing structure
(iv)	Maximum permissible stress in the Critical section of masonry at window sill level in G. F	Nil

The structural soundness of the building has been verified by me with reference to **IS 875 (Latest Version)** and other relevant Indian Standards Code of Practice and I declare that the building is structurally sound to be used as a running class STD I to STD VIII for the purpose noted in the statement A license may be granted for the period from **01.04.2024 to 31.03.2027.**

Date: 01.04.2024.

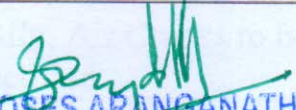


  
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Proceeding of Collector of Chennai - V2 / 17113 / 2018  
Madhavoyal, Chennai - 95. Cell : 9500106255

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

1	Location of the Building, Name and Place	<b>UNION CHRISTIAN PUBLIC SCHOOL (NEW BLOCK)</b> No: 29, Pachaiappas College Hostel Road, Chetpet, Chennai-600031.
2	Age of the Building	19 years
3	Value of the Building	Rs. 1000 per sq. ft
4	No. of Storied	G+3
5	Short description of structural steel RCC Framed of Load bearing masonry	RCC Framed structure G+3
6	Purpose for which the building is certified for use	For running classes STD I to STD VIII
7	The period for which Building will be Structurally Sound	3 Years
8	No. of person to be Accommodated	400 students
9	Remarks	Roof to be cleaned periodically before and after rain




  
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Approved Engineer by PWD Govt. of Tamil Nadu  
Proceeding of Collector of Chennai - V2 / 17113 / 2018  
Madhavoyal, Chennai - 95. Cell : 9500106255

**FORM-E**

1	Name and designation of Inspecting Authority of Officer Appointed or having jurisdiction under any other Act or Law	<b>Er. Moses Aranganathan</b> <b>B.E., M.E(Struct)., FIE(I)., F.I.A(Struct.E)</b> F2, Phase-II, Block No: 6, Ganga Aashika Apartments, Seemathamman Nagar, Maduravoyal, Ch - 95. Ph:9500106255
2	Address	<b>UNION CHRISTIAN PUBLIC SCHOOL (NEW BLOCK)</b> No: 29, Pachaiappas College Hostel Road, Chetpet, Chennai-600031.
3	Date of Inspection	11/10/2023
4	The purpose for which the building is used	For running classes STD I to STD VIII
5	Nature of defects noticed	NIL
6	Suggestion for rectifying defects	Roof of the building is to be maintained periodically and No Water stagnation permitted in the roof, storm water to be drained periodically, Air Cracks to be Rectified
7	If in a dangerous condition, immediate steps are recommended to be taken	NIL



  
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PROCEEDINGS OF THE COLLECTOR OF CHENNAI, CHENNAI-1.

Present: Tmt.R.Seethalakshmi, I.A.S.,

V2/17113/2018

Dated: 27.02.2020

**Sub:-** Tamil Nadu Public Buildings (Licensing) Act 1965 --  
Chennai District - Inclusion the name of Thiru.Moses  
Aranganathan, in the Panel of Private Practicing  
Engineer-under Class IA Category Orders Issued -  
Reg.

**Ref:-** 1. Minutes of 530<sup>th</sup> Board of Engineers Meeting  
dated: 14.11.2019, Lr.No. BOE/530/2019  
Dt: 21.11.2019.

2. The Engineer in Chief WRD (i/c) and Chief  
Engineer (General), PWD, Chepauk, Chennai-5  
In Lr.No. AEE/TI/AE-2/75459/2019, dated:  
11.11.2019.

3. The Superintending Engineer, PWD, Chepauk,  
Chennai-600005. Lr.No. DB/DO I/F.A-Panel  
of Engineers/22M/2019. Dt: 10.01.2019

4. Thiru.S.Moses Aranganathan, Petition  
Dated: 13.07.2018

This Certificate is valid  
for only this project

Union Christian Public

School (New block)

Order:

Thiru.S.Moses Aranganathan in his petition in the reference 4<sup>th</sup> cited has requested to enroll his name in the panel of Private Practicing Engineer under Class-IA (Class One A) category of Chennai District.

The Superintending Engineer, PWD, (i/c) Buildings (C&M) Circle, Chepauk, Chennai-5 in the reference 3<sup>rd</sup> cited has recommended that the name of Thiru.S.Moses Aranganathan may be include in the panel of Private Practising Engineer under Class-IA (Class One A) category of Chennai District after getting recommendation of Engineer in Chief, PWD, Chennai-5.

The Engineer in Chief, (Buildings), Chief Engineer (Buildings), Chennai Region and Chief Engineer (General), PWD, Chepauk, Chennai-5 in the reference 2<sup>nd</sup> cited has stated



that vide 530<sup>th</sup> meeting of Board of Engineers held on 14.11.2019 resolved and approved the name of Thiru.S.Moses Aranganathan (D.O.B.03.01.1954) residing at 4F, New West Apartments, 10 Viswasa Nagar, Maduravoyal, Chennai-600095 for inclusion and registering in the panel of Private Practicing Engineer under Class-IA (Class One A) category in Chennai District.

In the above circumstances, based on the resolved and approval of the Board of Engineers, Chennai and the recommendation of (a letter communication) The Engineer-in-Chief (Buildings), Chief Engineer (Buildings), Chennai Region and Chief Engineer (General), PWD, Chepauk, Chennai-5 in the reference 1<sup>st</sup> cited, the name of Thiru.S.Moses Aranganathan is included in the panel of Private Practicing Engineer under Class-IA (Class One A) Category (Buildings, the cost of which exceeds Rs.50 Lakhs as per G.O.Ms.No.43, Municipal Administration & Water Supply (MA4) Department, dated 17.02.2011) in Chennai District as additional district for the purpose of issuing of structural soundness Certificate to the Public Buildings under the purview of the Tamil Nadu Public Buildings (licensing) Act 1965.

This Certificate is valid  
for only this project

Union Christian Public  
School (New block)



//By Order//

Sd/--- R.Seethalakshmi,  
District Collector.

Person's Assistant (General)  
to the Collector.

Copy to:

1. The Engineer-in-Chief, WRD(UC) And Chief Engineer (General), PWD., Chepauk, Chennai-600005.
2. The Superintending Engineer, Planning & Design Circle, Chepauk, Chennai-600005.
3. Thiru.Moses Aranganathan,  
No. 4F, Narwest Euphoria Apartments, 10 Visuwasa Nagar,  
Maduravoyal, Chennai-600095.

# **STRUCTURAL STABILITY CERTIFICATE**

*for*

**UNION CHRISTIAN PUBLIC SCHOOL**

**(EAST BLOCK) ✓**

*at*

No: 29, Pachaiappas College Hostel Road, Chetpet,  
Chennai-600031.

---

***Certificate Valid From 01.02.2024 to 31.01.2027***

---



*Issued By*

**Er.Moses Aranganathan B.E.,M.E(struct).,FIE(I).,FIV.,F.I.A(Struct.E)**

Govt.Authorized Structural Stability Engineer

*(Thiruvallur, Chennai, Kancheepuram, & Chengalpattu)*

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we are filled with joy. Psalms 126:3

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- CMDA & DTCP Registered Engineer Grade I
- CMDA Registered Quality Auditor
- Chartered Engineer & Structural Engineer

✉ mosessomu@gmail.com 📞 95001 06255, 95660 50139 & 95661 56139



**STATEMENT ACCOMPANYING FORM A**

1	Name of the Building	<b>UNION CHRISTIAN PUBLIC SCHOOL (EAST BLOCK)</b>
2	Address	No: 29, Pachaiappas College Hostel Road, Chetpet, Chennai-600031.
3	Survey number	No:376/1, Block No: 14, Egmore, Nungambakkam, Egmore Taluk.
3	Year of Construction	1985
4	Approximate cost of construction as per current rates:	Rs. 800 per sq. ft
5	Purpose for which the building is being used or proposed to be used	For running school
6	The purpose for which the building has hitherto been used	For running school
7	Details of Construction of the Building Particulars of the Foundation Soil, specifications of the various parts under	RCC Framed structure G+2



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Proceeding of Collector of Chennai - V2/17113/2018  
Maduravoyal, Chennai - 95 Cell : 9500106255

1. Foundation	Isolated RCC column
2. Basement	RCC beam and brickwork with Cement Mortar
3. Superstructure	Brick Work with Cement Mortar
4. Floor and Roof are to be given	Cement floor & RCC roof
8. Period for which license is required	<b>01.02.2024 to 31.01.2027</b> (Three Years)
9. Number of persons to be accommodated	885 Students

No addition or alteration shall not be made to the existing building or portion of a building.



*S. Moyses Aranganathan*  
**Er. S. MOSES ARANGANATHAN**  
 M.E.(Struct), FIE., FIV., FIA (Struct E)  
 Registered Panel Engineer Class-IA by District Collector  
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 Maduravoyal, Chennai - 95. Cell : 9500106255

## FORM-B

This is to certify that I have inspected the **UNION CHRISTIAN PUBLIC SCHOOL (EAST BLOCK)** located @ No: 29, Pachaiappas College Hostel Road, Chetpet, Chennai-600031. The building is structurally safe to be used as a running school for the purposes noticed in the statement.

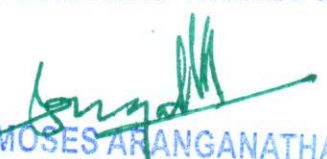
Total plinth Area = 6580 Sq. Ft

This certificate covers the above-mentioned Building only and does not include any other buildings or structures such as sunshades & compound walls. This certificate does not include any eventualities caused by all-natural calamities. This certificate does not include any thatched sheds. An emergency exists to be provided as per norms. If any Fire accident / or any other mishap occurs at a later date, the certified engineer is not held responsible. Structural alteration / Deviation should not be carried out of the blocks without prior permission from the competent authority. Further, if any above-mentioned aspects were found at a later date after the issue of this certificate/ License and this certificate **gets invalid**.

Signature of the Owner

Dated: 01.02.2024



  
**Er. S. MOSES ARANGANATHAN**  
M.E.(Struct), F.I.E., F.I.V., F.I.A (Struct E)  
Registered Panel Engineer Class-IA by District Collector  
Approved Engineer by PWD Govt. of Tamil Nadu  
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Madhavoyal, Chennai - 95 Cell: 9500106255

## FORM-C

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

<b>1</b>	<b>FOUNDATION</b>	
(i)	Depth below Ground level	2m from G.L (approximate)
(ii)	Nature of soil met with at foundation level	Clayey soil
(iii)	Pressure at foundation	100 kN/m <sup>2</sup>
(iv)	Probable safe bearing capacity of the strata met with at foundation	130 kN/m <sup>2</sup>
<b>2</b>	<b>SUPERSTRUCTURE</b>	
(i)	Maximum stress in the most critical section of RCC M20 in the structure Encountered	4.0 N/mm <sup>2</sup>
(ii)	safe permissible stress in RCC M20 in the Critical section	6.0 N/mm <sup>2</sup>
(iii)	Maximum stress encountered in the most critical section of masonry at the window sill level of G. Floor	Nil - Brick Masonry is used as nonload bearing structure
(iv)	Maximum permissible stress in the Critical section of masonry at window sill level in G. F	Nil

The structural soundness of the building has been verified by me with reference to **IS 875 (Latest Version)** and other relevant Indian Standards Code of Practice and I declare that the building is structurally sound to be used as a running school for the purpose noted in the statement A license may be granted for the period from **01.02.2024 to 31.01.2027**.

Date: 01.02.2024.

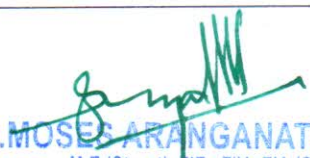


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Proceeding of Collector of Chennai - V2 / 17113 / 2018  
Madhavoyal, Chennai - 95 Cell : 9500106255

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

1	Location of the Building, Name and Place	<b>UNION CHRISTIAN PUBLIC SCHOOL (EAST BLOCK)</b> No: 29, Pachaiappas College Hostel Road, Chetpet, Chennai-600031.
2	Age of the Building	38 years
3	Value of the Building	Rs. 800 per sq. ft
4	No. of Storied	G+2
5	Short description of structural steel RCC Framed of Load bearing masonry	RCC Framed structure G+2
6	Purpose for which the building is certified for use	For running school
7	The period for which Building will be Structurally Sound	3 Years
8	No. of person to be Accommodated	885 students
9	Remarks	Roof to be cleaned periodically before and after rain

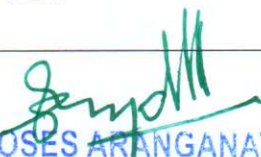


  
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Approved Engineer by PWD Govt. of Tamil Nadu  
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Madhavoyal, Chennai - 95. Cell : 9500106255

**FORM-E**

1	Name and designation of Inspecting Authority of Officer Appointed or having jurisdiction under any other Act or Law	<b>Er. Moses Aranganathan</b> <b>B.E., M.E(Struct)., FIE(I), F.I.A(Struct.E)</b> F2, Phase-II, Block No: 6, Ganga Aashika Apartments, Seemathamman Nagar, Maduravoyal, Ch – 95. Ph:9500106255
2	Address	<b>UNION CHRISTIAN PUBLIC SCHOOL (EAST BLOCK)</b> No: 29, Pachaiappas College Hostel Road, Chetpet, Chennai-600031.
3	Date of Inspection	11/10/2023
4	The purpose for which the building is used	For running school
5	Nature of defects noticed	NIL
6	Suggestion for rectifying defects	Roof of the building is to be maintained periodically and No Water stagnation permitted in the roof, storm water to be drained periodically, Air Cracks to be Rectified
7	If in a dangerous condition, immediate steps are recommended to be taken	NIL



  
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