

STRUCTURAL STABILITY CERTIFICATE

For

ST. JOHN'S SR. SEC. SCHOOL & JR. COLLEGE

At

No:9, South Canal Bank Road, Mandaveli,

Chennai-600028

Certificate Valid From 01.06.2023 to 31.05.2026



Issued By

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

Govt.Authorized Structural Stability Engineer

(Thiruvallur, Chennai, Kancheepuram & Chengalpattu)

Ganga Aashika Apartments Phase-II Block No: 6, Flat No: F2(first floor)

No: 24, Rajiv Gandhi Street, Seemathamman Nagar, Maduravoyal,

Chennai – 95. Ph – 9500106255, 9566156139

*The Lord has done great things for us,
and we are filled with joy. Psalms 126:3*

Er. 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 Registered 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	ST. JOHN'S SR. SEC. SCHOOL & JR. COLLEGE
2	Address	No:9, South Canal Bank Road, Mandaveli, Chennai-600028
3	Year of Construction	1992
4	Approximate cost of construction as per current rates:	Rs. 1000 per sq. ft
5	Purpose for which the building is being used or proposed to be used	For Running School
6	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+3



Er. S. MOSES ARANGANATHAN
M.E. (Struct), FIE., FIV., FIA (Struct E)
Registered Panel Engineer Class-JA by District Collector
Approved Engineer by PWD Govt. of Tamil Nadu
Proceeding of Collector of Chennai - V2/17113/2018
Madhavayal, Chennai - 95 Cell : 9500106255

1. Foundation	Isolated RCC Column Footing with brick work in cement mortar
2. Basement	RCC Plinth beam with Brick Work in Cement Mortar
3. Superstructure	RCC column, Beam and Slab to be done.
4. Floor and Roof are to be given	Vitrified tiles/ spartec/ ceramic tiles/ wooden flooring
8	Period for which license is required 01.06.2023 to 31.05.2026 (Three Years)
9	Number of persons to be accommodated 3000 students.

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



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
Madurai, Tamil Nadu - 95. Cell : 9500106255

FORM-B

This is to certify that I have inspected the **ST. JOHN'S SR. SEC. SCHOOL & JR. COLLEGE** is located @ No:9, South Canal Bank Road, Mandaveli, Chennai-600028. The building is structurally safe to be used as a For Running School for the purposes noticed in the statement.

The details of the building area:

Total area = 50932 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: 01.06.2023

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
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:

1 FOUNDATION	
(i) Depth below Ground level	1.83m from G.L
(ii) Nature of soil met with at foundation level	sandy soil
(iii) Pressure at foundation	40 kN/m ²
(iv) Probable safe bearing capacity of the strata met with at foundation	180 kN/m ²
2 SUPERSTRUCTURE	
(i) Maximum stress in the most critical section of RCC M20 in the structure Encountered	4.0 N/mm ²
(ii) safe permissible stress in RCC M20 in the Critical section	6.0 N/mm ²
(iii) Maximum stress encountered in the most critical section of masonry at window sill level of G.Floor	Nil - Brick Masonry is used as non load 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 For Running School for the purpose noted in the statement A license may be granted for the period from **01.06.2023 to 31.05.2026**

Date: 01.06.2023.



Er. S. MOSES ARANGANATHAN
M.E.(Struct), F.I.E., F.I.V., F.I.A (Struct E)
Registered Panel Engineer Class-4A by District Collector
Approved Engineer by P.W.D Govt. of Tamil Nadu
Proceeding of Collector of Chennai - V2 / 17113 / 2018
Madhavoyal, Chennai - 95 Cell : 9500406255

STATEMENT TO ACCOMPANY THE CERTIFICATE OF

STRUCTURAL STABILITY

1	Location of the Building, Name and Place	ST. JOHN'S SR. SEC. SCHOOL & JR. COLLEGE No:9, South Canal Bank Road, Mandaveli, Chennai-600028	
2	Age of the Building	31 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 School	
7	The period for which Building will be Structurally Sound	3 Years	
8	No. of person to be Accommodated	3000 students.	
9	Remarks	Roof to be cleaned periodically before and after rain	



Er. S. MOSES ARANGANATHAN
M.E.(Struct), F.E., 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
Madhavavoyal, Chennai - 65 Cell : 9500106255

FORM-E

1	Name and designation of Inspecting Authority of Officer Appointed or having jurisdiction under any other Act or Law	Er. Moses Aranganathan B.E., M.E(Struct), FIE(I), F.I.A(Struct.E) Ganga Aashika Apartments Phase-II Block No: 6, Flat No: F2(first floor) No: 24, Rajiv Gandhi Street, Seemathamman Nagar, Maduravoyal, Chennai – 95. Ph – 9500106255
2	Address	ST. JOHN'S SR. SEC. SCHOOL & JR. COLLEGE No:9, South Canal Bank Road, Mandaveli, Chennai-600028
3	Date of Inspection	31.05.2023
4	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 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 recommended to be taken	NIL



Er.S.MOSES ARANGANATHAN
M.E.(Struct)/I.E., FIV, FIA (Struct E)
Registered Panel Engineer- Class-I(A) by District Collector
Approved Engineer by PW(D) Govt. of Tamil Nadu
Proceeding of Collector of Chennai - VZ / 17113 / 2018
Maduravoyal, Chennai - 95 Cell : 9500106255

PROCEEDINGS OF THE COLLECTOR OF CHENNAI, CHENNAI-1.

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

V2/171113/2018

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 530th 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/T1/AE-2/75459/2019, dated: 21.11.2019.

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

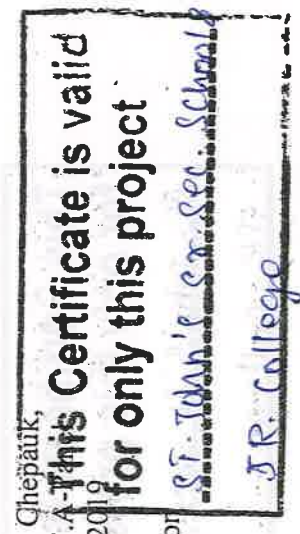
4. Thiru.S.Moses Aranganathan, Petition Dated: 13.07.2019

Order:

Thiru.S.Moses Aranganathan in his petition in the reference 4th 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 3rd 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 2nd cited has stated



that vide 530th 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 1st 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**
S. Thiru.S. Moses Aranganathan
TR - Collogeo



//By Order//

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

1/3

Personal Assistant (General)
to the Collector.

Copy to:

1. The Engineer - in - Chief, WRD(i/c) And Chief Engineer (General), PWD, Chepauk, Chennai-600005.
2. The Superintending Engineer, Planning & Design Circle, Chepauk, Chennai-600005.

3. Thiru.S.Moses Aranganathan,
No. 4F, Natwest Euphoria Apartments, 10 Visuwas Nagar,
Maduravoyal, Chennai-600095.