

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

MOSES ARANGANATHAN

M.E., (Struct.), C.Engg., F.I.E., FIA (Struct E), FI

Panel Engineer (Class IA) by District Collector & TN PWD CE

Chennai, Tiruvallur, Kancheepuram & Chengalpattu Districts

Registered Panel Valuer in Income Tax Dept (Category I)

DA & DTCP Structural Engineer (SE) Grade I

DA & DTCP Construction Engineer (CE)

DA & DTCP Registered Engineer Grade I

DA Registered Quality Auditor

Structural Engineer & Structural Engineer

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




Building Safety Certificate

This is to certify that I inspected the school building of **Our Lady School of Excellence** bearing the address 955, Thiruvottiyur High Road, Thiruvottiyur, Chennai-600019 and situation within Survey no:229 pt of Thiruvottiyur village on 09th March 2024 for the purpose of issuing stability certificate and safety certificate. Based on my observations, analysis and calculations, this building satisfies and confirms all the technical requirements to ensure the safety of the building to be used as a school building

This certificate is valid till 09th March 2027

Dated: 10.03.2024




Er. S. MOSES ARANGANATHAN
M.E.(Struct), F.I.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 / 17419 / 2014
Maduravoyal, Chennai - 95. Call: 9500106255

Signature of the Panel Engineer (Class-1a)

Chennai Collectorate


Correspondent
Our Lady School of Excellence
No. 955, Thiruvottiyur High Road,
Thiruvottiyur, Chennai-600 019.

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 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-Panel
of Engineers/22M/2019, Dt: 10.01.2019

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

Order:

Thiru.S.Moses Aranganathan's 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



Digitally signed by Smt. R. Seethalakshmi, I.A.S., DN: cn=Smt. R. Seethalakshmi, I.A.S., o=Collector of Chennai, ou=Chennai, email=Smt. R. Seethalakshmi, I.A.S., c=IN

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.

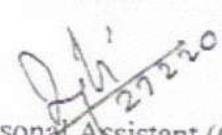
In the above circumstances, based on the resolved and approval of the Board of Engineers, Chennai and the recommendation of (a letter communication) The Engineer-in - Chief, (Buildings), Chief Engineer (Buildings), Chennai Region and Chief Engineer (General), PWD, Chepauk, Chennai-5 in the reference 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.


Correspondent
Our Lady School of Excellence
No. 955, Thiruvottiyur High Road,
Thiruvottiyur, Chennai-600 019.



//By Order//

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


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

STATEMENT ACCOMPANYING FORM A

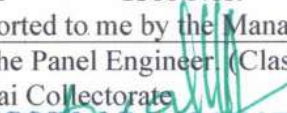
1	Door Number of the building	Door No:955
2	Location (Street No. Ward No., Corporation/ Municipality/ Panchayat/ Panchayat Union/ Town Ship / Cantonment)	Our Lady School of Excellence, (Survey No.229 part within Thiruvottiyur Village) 955, Thiruvottiyur High Road, Thiruvottiyur, Chennai 600 019
3	Year of Construction	Western & Northern Wings in 1967 , Eastern Wing in 1996 & Middle Wing in 2023
4	Approximate cost of construction (Present)	Rs.950 Lakhs
5	Purpose for which the building is being used or propose to be used	Being Used as School Building
6	Purpose for which the building has hither to been used	Being Used as School Building
7	Details of construction of the building (Particulars) of the foundation, soil, specification of Various Parts as under	
	a. Foundation	RCC Isolated Footing & Stripped Footing
	b. Basement	Brick work in Cement mortar filled with filling sand and top finished with PCC
	c. Super Structure	Load bearing Brick work wall type structure
	d. Floor and roof	Flooring -Vitrified, Granite and Ceramic tile floorings Roofing - RCC Roof
8	Period for which License is required	10.03.2024 to 09.03.2027
9	Number of persons to be accommodated	Students - 1400 Nos. Teaching Staff - 70 Nos. Non-teaching staff - 30 Nos. TOTAL - 1500 Nos. (As reported to me by the Management)

Signature of the
Owner of the Building


Correspondent
Our Lady School of Excellence
No. 955, Thiruvottiyur High Road,
Thiruvottiyur, Chennai-600 019.



Signature of the Panel Engineer. (Class-1a)
Chennai Collectorate


Er.S.MOSESANJANATHAN
M.E.(Struct. E.E., FIV., FIA (Struct E))
Registered Panel Engineer Class-1A by District Collector
Approved Engineer by PWD Govt. of Tamil Nadu
Proceeding of Collector of Chennai - V2 / 17113 / 2018
Madhavoyal, Chennai - 95. Cell : 9500106255

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 reconstructed 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


Correspondent
Our Lady School of Excellence
No. 955, Thiruvottiyur High Road,
Thiruvottiyur, Chennai-600 019.

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 PUBLICBUILDINGS (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 | 2.10 m (Stripped Footing – Load bearing wall structure)
1.80 m (Isolated footing – RCC framed structure) |
| ii. Nature of soil set out in the foundation Level | Fine Sandy Soil |
| iii. Pressure at the bottom of foundation | 100 KN/Sqm (Stripped Footing – Load bearing wall structure)
140 KN / Sqm (Isolated footing – RCC framed structure) |
| iv. Probable safe bearing capacity of the Strata met with at foundation. | 200 KN/ Sqm |

2. Super structure

- | | |
|--|---|
| i. Maximum stress in the most critical Section of masonry and concrete | Brick Work in CM : 0.6 N/mm ²
M15 Grade 4.2 N/mm ² |
| ii. Nature of masonry and concrete and its Safe permissible stress | Brick Work in CM: 1.0 N/mm ²
M15 Grade 5.0 N/mm ² |

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 10.03.2024 to 09.03.2027 subject to maintaining the building as per standards.

Dated: 22.02.2024


Correspondent
Our Lady School of Excellence
No. 955, Thiruvottiyur High Road,
Thiruvottiyur, Chennai-600 019.



Signature of the Panel Engineer (Class-1a)

Er. MOSES ARANGANATHAN
Chennai, Collectorate
M.E.(Struct), P.E., F.I.V., F.I.A (Struct E)

Registered Panel Engineer Class-1A by District Collector
Approved Engineer by PWD Govt. of Tamil Nadu
Proceeding of Collector of Chennai - V2 / 17113 / 2018
Madhavavoyal, Chennai - 95. Call : 9500106255

FORM-E

(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)
Our Lady School of Excellence, <i>(Survey No.229 part within Thiruvottiyur Village)</i> 955, Thiruvottiyur High Road, Thiruvottiyur, Chennai 600 019. <i>(Latitude: 13.155385 & Longitude: 80.301959)</i>	Western & Northern Wings in 1967 & Eastern Wing in 1996 & Middle Wing in 2023	Rs.950 Lakhs <i>(Present Construction Cost</i>	Ground, First & second floors	The subject building is a "U" shaped Building in which, "L" shaped building (Western and Northern wings) & "I" shaped building (Middle wings) is Load bearing wall type structure and the eastern wing of the building is a RCC framed structure Type. Though this building having Ground, First & second Floors, has been constructed during different periods, It is a continuous and integrated "U" shaped block. As informed to me by the management, "L" shaped portion (Western and Northern wings) of the block has been constructed during 1967 , the RCC framed structured portion (Eastern Wing) during the year 1996 & (middle wings) during the year 2023. This building is being used for running a School.

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 be accommodated (8)	Remarks (9)
Being Used as School Building	10.03.2024 to 09.03.2027 <i>(3 years)</i>	Students - 1400 Nos. Teaching Staff - 70 Nos. Non-Teaching Staff - 30 Nos. TOTAL - 1500 Nos. <i>(As reported to me by the Management)</i>	This Building is structurally sound for next Three years from the date of issue of this Certificate. <u>Note:</u> a) Structural modifications shall not be made to the building. b) Building shall be periodically maintained as per standards.


Correspondent
Our Lady School of Excellence
No. 955, Thiruvottiyur High Road,
Thiruvottiyur, Chennai-600 019.




Signature of the Panel Engineer (Class.1a)
Er. S. MOSES Chennai Collectorate
M.E.(Struct), FIE., FIV., FIA (Struct E)
Registered Panel Engineer Class-1A by District Collector
Approved Engineer by PWD Govt. of Tamil Nadu
Proceeding of Collector of Chennai - V2 / 17113 / 2018
Maduravoyal, Chennai - 95 Cell : 9500106255

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
PUBLICBUILDINGS (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 **10.03.2024 to 09.03.2027** 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 **10.03.2024 to 09.03.2027**.

STATEMENT ACCOMPANYING THE OPINION REGARDING STRUCTURAL SOUNDNESS

Location of building Door No. 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 be accommodated
Our Lady School of Excellence, <i>(Survey No.229 pt within Thiruvottiyur Village)</i> 955, Thiruvottiyur High Road, Thiruvottiyur, Chennai 600 019.	Western & Northern Wings in 1967 ,Eastern Wing in 1996 & Middle Wing in 2023	Being Used as School Building	Being Used as School Building	Students - 1400 Nos. Teaching Staff - 70 Nos. Non-Teaching staff - 30 Nos. TOTAL -1500Nos. <i>(As reported to me by the Management)</i>

Area Statement (Approx)

Floor	Ground	First	Second	Total
Plinth area in Sqft	18700	16500	9078	44278
Total Flooring Area in Sqft <i>(Area including Passage & Toilet excluding Wall thickness)</i>	15900	14200	9078	39178
Carpet Area in Sqft <i>(As per IS Code excluding the Toilet , Passage and Utility Area)</i>	10600	9400	7361	27361

Dated: 22.02.2024


Correspondent
Our Lady School of Excellence
No. 955, Thiruvottiyur High Road,
Thiruvottiyur, Chennai-600 019.




Signature of the Panel Engineer (Class-1a)

Chennai Collectorate
Er.S.MOSES ARANGANATHAN
M.E.(Struct), FIE., FIV., FIA (Struct E)
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