

Er.K.G.MANIVACHAKAM,B.E.,M.I.E.,F.I.V.,

Class IA Registered Engineer, (PANEL REG.No.AEE/T1/B/94630/96,Competent person to release structural soundness Certificate for public buildings, Chartered Engineer (India) IEI(REG.No.M-111304/0), PPE IV- REG.No.F-10285, Reg.No.under section 34AB of Wealth Tax Act – Category I/566 of 2002 – 2003, Approved Valuer/Civil Engineer,Panel Valuer of Banks

Certificate of Structural Soundness for the School

Statement accompanying the Form-A.

- | | | |
|---|---|--|
| 1. Door Number of building | : | Sri Saraswathi Vidyalaya International School |
| 2. Location (Street, Name, Ward Number, Name of place, i.e.Corporation/Municipality/ Panchayat/Panchayat Union/Township/ Contonment, etc.,) | : | Alichikudi to Virudhachalam Road
T.S.No.9/9
Block .116, Ward No.E,
Virudhachalam Municipal Limit
Virudhachalam Town and Taluk
Cuddalore District. |
| 3. Year of construction | : | 2010 |
| 4. Approximate cost of construction as per current rates | : | Rs.2,60,00,000-
(Rs.Two crores and sixty lakhs only) |
| 5. Purpose for which the building is being used or proposed to be used | : | Class rooms, Office, Staff room,Library,
Composite science lab,Maths lab and Toilets |
| 6. Purpose for which the building has now been used | : | -do- |
| 7. Details of construction of the building (particulars of the foundation soil, specification of the various parts under) | : | |
| a) Foundation | : | RCC footings |
| b) Basement | : | Brick masonry with cement mortor. |
| c) Superstructure | : | Brick masonry with cement mortor |
| d) Floor and roof, are to be given | : | Cement mortar flooring and
Ceramic tiles flooring and
RCC roof slab |

Address : 3/201, Ist Cross street, Friends Nagar, Cuddalore

Er. K.G. MANIVACHAKAM, B.E.,M.I.E.,F.I.V. C.tny
CLASS - IA REGISTERED ENGINEER,
(Under Tamil Nadu Public Building Lic. Act.)
COLLECTERATE PANEL ENGINEER,
Chartered Engineer, Approved Valuer,
Registered Structural Engineer,
Reg. No: RSE / Gr-II / VR / MAY-2019 /007
Villupuram Region,
D.No: 3/201, First Cross Street, Friends Nagar
SEMMANDALAM, CUDDALORE 607-001

Er.K.G.MANIVACHAKAM,B.E.,M.I.E.,F.I.V.,

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e) Area of the building	:	Sq.Ft.	Sq.M.
	Ground floor	7660.15	711.91
	Portico – 2 Nos	799.47	74.30
	First floor	8692.04	807.81
	Second floor	8622.53	801.35

8. Period for which licence is required : From 01-06-2023 to 31-05-2026

9. Number of persons to be accommodated : 1000 Nos (Capacity)

“ Certified that no addition or alteration has been made to the existing (Sri Saraswathi Vidyalaya International School, Alichikudi to Virudhachalam Road, T.S.No.9/9, Block .116, Ward No.E, Virudhachalam Municipal Limit, Virudhachalam Town and Taluk, Cuddalore District.) building or portion of a building for which this application has been made. I undertake to obtain a fresh licence in case any addition or alteration is made to the existing building or portion of building. I also undertake to obtain a fresh licence if the purpose for which the licence was granted for the use of the building or a portion of the building originally is changed or altered subsequently.

Date :

Signature of the owner of the building

Date : 09-05-2023

Signature of the Registered Engineer

Er. K.G. MANIVACHAKAM, B.E., M.I.E., F.I.V. C.Eng
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Reg. No: RSE / Gr-II / VR / MAY-2019 / 007
Villupuram Region,
O.No: 3/201, First Cross Street, Friends Nagar
SEMMANDALAM, CUDDALORE 607 001

Address : 3/201, Ist Cross street, Friends Nagar, Cuddalore -607 001.(TN)

Er.K.G.MANIVACHAKAM,B.E.,M.I.E.,F.I.V.,

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Form –B

(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. 13 of 1965) referred to in rule 4 of the Tamil Nadu Public Buildings (licensing) Rules . 1966).

I certify that I have inspected the building of Sri Saraswathi Vidyalaya International School, Alichikudi to Virudhachalam Road, T.S.No.9/9, Block .116, Ward No.E, Virudhachalam Municipal Limit, Virudhachalam Town and Taluk, Cuddalore District. mentioned in the statement and furnish below its salient technical features and the same is based on the data measurements and specifications found in the site of the subject school physically.

I. Foundation :

- | | | |
|--|---|-------------------|
| 1. Depth below Ground level | : | 1.83 M. |
| 2. Nature of soil met with at foundation level | : | Sandy clay |
| 3. Pressure at foundation | : | 7.00 M.Ton/Sq.M. |
| 4. Probable safe bearing capacity of the soil met with at foundation | : | 15.00 M.Ton/Sq.M. |

II. Super structure :

- | | | |
|--|---|---|
| 1. Maximum stress in the most critical section of masonry and concrete | : | 1600 Kg.Sq.Cm. |
| 2. Nature of masonry and concrete and its permissible stress | : | Brick masonry with cement mortar-3000 ksc and Concrete – 5000 ksc |

The structural soundness of the building has been verified by me with reference to ISI loading standards 878 (Latest version) and other relevant Indian Standards Code of practice and I 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 01-06-2023 to 31-05-2026

Date : 09-05-2023

Address : 3/201, 1st Cross street, Friends Nagar, Cuddalore - 605 001

Er. K.G. MANIVACHAKAM, B.E., M.I.E., F.I.V. C.Eng
CLASS - IA REGISTERED ENGINEER,
(Under Tamil Nadu Public Building Lic. Act.)
COLLECTORATE PANEL ENGINEER,
Chartered Engineer, Approved Valuer,
Registered Structural Engineer,
Reg. No: RSE / Gr-II / VR / MAY-2019 / 007
Villupuram Region,
D.No: 3/201, First Cross Street, Friends Nagar
SEMMANDALAM, CUDDALORE 607 001

Er.K.G.MANIVACHAKAM,B.E.,M.I.E.,F.I.V.,

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Form – C

Statement to accompany The Certificate of Structural Soundness

1. Location of the building, door number, street and name of the : Sri Saraswathi Vidyalaya International School
Alichikudi to Virudhachalam Road
T.S.No.9/9
Block .116, Ward No.E,
Virudhachalam Municipal Limit
Virudhachalam Town and Taluk
Cuddalore District.
2. Age of the building : 13 years
3. Number of Storeys : Three Storeyed
4. Short description of structures steel/ Rcc framed or load bearing masonry : RCC framed structure
5. Purpose for which the building is certified for use : Class rooms, Office, Staff room, Library,
Composite science lab, Maths lab and Toilets
6. The period for which the building will be structurally sound : 3 years (from 01-06-2023 to 31-05-2026)
7. Number of persons to be accommodated : 1000 Nos (capacity)
8. Remarks : The building is structurally Sound and stable

Date : 09-05-2023

Er. K.G. MANIVACHAKAM, B.E., M.I.E., F.I.V. CEng
CLASS - IA REGISTERED ENGINEER,
(Under Tamil Nadu Public Building Lic. Act.)
COLLECTORATE PANEL ENGINEER,
Chartered Engineer, Approved Valuer,
Registered Structural Engineer,
Reg. No: RSE / Gr-II / VR / MAY-2019 / 007
Villupuram Region,
No: 3/201, First Cross Street, Friends Nagar
EMMANDALAM, CUDDALORE 607 001

Address : 3/201, 1st Cross street, Friends Nagar, Cuddalore -607 001.(TN)

Er.K.G.MANIVACHAKAM,B.E.,M.I.E.,F.I.V.,

Class IA Registered Engineer, (PANEL REG.No.AEE/T1/B/94630/96, Competent person to release structural soundness Certificate for public buildings, Chartered Engineer (India) IEI(REG.No.M-111304/0), PPE IV- REG.No.F-10285, Reg.No.under section 34AB of Wealth Tax Act – Category I/566 of 2002 – 2003, Approved Valuer/Civil Engineer, Panel Valuer of Banks

Form – E

(Form of report to be made to the competent authority by inspecting authorities or officers appointed under other Act Under Section 28 of the Madras Public Buildings Licensing) Act. 1965 (Madras Act 13 of 1985) referred to in rule 7 of the Madras Public Building Licensing Rules. 1966.

- | | |
|--|---|
| 1. Name and designation of inspecting authority or officer appointed or having jurisdiction under any other Act or law : | Er.K.G.Manivachakam
B.E.,M.I.E.,F.I.V.,
Registered Engineer Class I.A
3/201, Ist Cross Street
Friends Nagar
Cuddalore – 607 001. |
| 2. Location of the building inspected
D.No. Street No. Name of place i.e.
Municipal corporation / Municipality/
Panchayat or Panchayat Union/
Township/Contonment. : | Sri Saraswathi Vidyalaya International School
Alichikudi to Virudhachalam Road
T.S.No.9/9
Block .116, Ward No.E,
Virudhachalam Municipal Limit
Virudhachalam Town and Taluk,
Cuddalore District |
| 3. Date of Inspection : | 02-05-2023 |
| 4. Purpose for which the building is used : | Class rooms, Office, Staff room, Library,
Composite science lab, Maths lab and Toilets |
| 5. Nature of defects noticed : | Nil |
| 6. Suggestion of rectifying defects : | Nil |
| 7. If in a dangerous condition immediate action recommended to be taken : | Nil |

Date : 09-05-2023


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CLASS - IA REGISTERED ENGINEER,
(Under Tamil Nadu Public Building Lic. Act.)
COLLECTORATE PANEL ENGINEER,
Chartered Engineer, Approved Valuer,
Registered Structural Engineer,
Reg. No: RSE / Gr-II / VR / MAY-2019 / 007
Villupuram Region,
D.No: 3/201, First Cross Street, Friends Naga-
SEMANDALAM, CUDDALORE 607 007

Address : 3/201, Ist Cross street, Friends Nagar, Cuddalore

Proceedings of the Collector of South Arcot Vallalar District.

Present : Thiru. E. Shanmugam, I.A.S.,
-:00:-

D.O. M2/80777/96

Dated: 23.4.96

Sub: Tamil Nadu Public Building Licensing Act 1965 -
Inclusion of the name of Thiru. G. Manivachagan
in the panel of Private Practising Engineer
under class I-A in South Arcot Vallalar District.

Ref: 1. Petition of Thiru. Manivachagan, dated 9.10.95
2. Proceedings No. AEE/T1/P/94630/96, dated
25.3.96 of the Engineer in Chief WRO, Public
Works Department, Madras.
3. G.O.Ms. No. 622, dated 7.4.77, Rural Development
& Local Administration Department.

Thiru. G. Manivachagan, B.E. (Civil) has presented
an application to the Collector of South Arcot Vallalar District
Cuddalore for registering his name in the panel of Engineers
under Class I-A category. In this connection his application
was forwarded to the Chief Engineer, Public Works Department,
Madras through Superintending Engineer, P.W.D., Cuddalore.

The Board of Engineers in the 346th meeting held
on 30.1.96 has recommended to include his name in the panel of
private practising engineers under class I-A for the South
Arcot Vallalar District.

Accordingly the name of Thiru. G. Manivachagan is
ordered to be included in the panel of Private Practising Engineers
under Class I-A for the South Arcot Vallalar District for the
purpose of issuing structural soundness certificates for public
buildings (the cost of which is more than Rs. 10.00 lakhs) under
the purview of the Tamil Nadu Public Building Licensing Act,
1965 and rules.

To
Thiru. G. Manivachagan, B.E. (Civil)
Civil Engineering Consultant/Construction Engineer,
201, First Cross Street,
Friends Nagar (Opp. Dist. Employment Office)
Cuddalore.

0-177/96/19.10.1
Thiru. E. Shanmugam (General)
to the Collector of South Arcot
Vallalar District, Cuddalore.

Copy to: 1. The Member Secretary, Local Planning
Authority, Cuddalore - for information.
2. The Chief Educational Officer, Cuddalore - for information.
3. The Executive Engineer, P.W.D., Cuddalore -
for information.

4. All the Municipal Commissioners of South Arcot
Vallalar District.

Copy to 'C' Section, Collectorate, Cuddalore - for
information.

5. The President, Theatre Owners' Association for
information.

6. The District Midroads Welfare Officer, Cuddalore

7. The Project Officer, D.A.D.A.
8. The Principal Assistant (I.D.)

Er. K.G. MANIVACHAKAM, B.E., M.I.E., F.I.V. C. Eng
(Under Tamil Nadu Public Building Lic. Act.)
REGISTERED PANEL ENGINEER
Chartered Engineer, Approved Valuer,
Registered Structural Engineer,
Reg. No: RSE / Gr-II / VR / MAY-2019 / 007
Villupuram Region,
D.No: 3/201, First Cross Street, Friends Nagar
SEMMANDALAM, CUDDALORE 607 401

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*** TABLE**

Sl. No.	Category	Cost of Building	Qualification of Engineers
(1)	(2)	(3)	(4)
1.	Class III	Buildings, the cost of which does not exceed Rs. 6.00 lakhs	An Engineer with a degree in Civil Engineering of Indian or Foreign University or a Corporate Member of the Institution of Engineers (India) or recognised Professional Association abroad, such as Institute of Structural Engineers (London), American Society of Civil Engineers and the like and others as may be recognized by the Government of Tamil Nadu, from time to time with not less than five years experience in buildings construction or a person possessing a diploma in Civil Engineering awarded by the State Board of Technical Education and Training or upper subordinate or lower subordinate diploma of the College of Engineering, Guindy, Tamil Nadu or with equivalent qualification thereof with not less than five years experience in building construction.
2.	Class II	Buildings, the cost of which exceeds Rs.6.00 lakhs but not exceeding Rs.20.00 lakhs	An Engineer with a degree in Civil Engineering of Indian or Foreign University or a Corporate Member of the Institution of Engineers (India) or recognised Professional Association abroad, such as Institute of Structural Engineers (London), American Society of Civil Engineers (London), Institute of Civil Engineers and the like and others as may be recognised by the Government of Tamil Nadu, from time to time with not less than five years experience in building construction; or a person possessing a diploma in Civil Engineering awarded by the State Board of Technical Education and Training or upper subordinate or lower subordinate diploma of the college of Engineering, Guindy, Tamil Nadu; or with equivalent qualification thereof with not less than fifteen years experience in building construction.

* G.O. Ms. No. 43, Municipal Administration and Water Supply (MA 4), February 17, 2011 - Published in Tamil Nadu Government Gazette, Part III, Section 1(a), Issue No.9 Page 26-27, dated March 9, 2011

The Tamil Nadu Public Buildings (Licensing) Rules, 1966

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Sl. No.	Category	Cost of Building	Qualification of Engineers
(1)	(2)	(3)	(4)
3.	Class I	Buildings, the cost of which exceeds Rs.20.00 lakhs but not exceeding Rs.50.00 lakhs.	An Engineer with a degree in Civil Engineering of Indian or Foreign University or a Corporate Member of the Institution of Engineers (India) or recognised Professional Association abroad, as specified in item (2) above with not less than ten years experience in buildings construction; or with a Post Graduate Degree with not less than five years experience in building construction.
4.	Class I-A	Buildings, the cost of which exceeds Rs.50.00 lakhs.	An Engineer with a degree in Civil Engineering of Indian or Foreign University or a Corporate Member of the Institution of Engineers (India) or recognised Professional Association abroad, as specified in item (2) above with not less than ten years experience in buildings construction; or with a Post Graduate Degree with not less than five years experience in building construction.

11-A. Registration of Engineers in the Panel:-

Private Engineers possessing the qualifications specified in the table may register their names in one or more districts or in all districts subject to inclusion of their names in the Panel of Registered Engineers for the District concerned.

11-B. Publication of Panel of Engineers:-

The panel of Engineers shall be published in the Tamil Nadu Government Gazette and in the District Gazette concerned.]

EF. K.G. MANIVACHAKAM, B.E., M.E., F.I.V., C.Eng
CLASS - IA REGISTERED ENGINEER,
(Under Tamil Nadu Public Building Lic. Act)
COLLECTORATE PANEL ENGINEER.
Chartered Engineer, Approved Value

1. Rule 11-A, and inserted by G.O. Ms. No.149, R.D. L.A. 23rd July 1981, registered Structural Engineer
 Reg. No: RSE / Gr-II / VR / MAY-2011 / 007
 Villupuram Region,
 No: 3/201, First Cross Street, Friends Nagar,
 CHANDRAM CUDALORE - 605 003