

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

IEI(REG.No.M-111304/0)PPE(PANEL REG.No.M2/80777/96) IV-REG.No.F-10285  
Reg.No.under section 34AB of Wealth Tax Act – Category I/566 of 2002 – 2003  
Chartered Engineer, Approved Valuer/Civil Engineer,Panel Valuer of Banks  
**Class IA Registered Engineer**, Competent person to release structural soundness  
certificate for public buildings

## Certificate of Structural Soundness for the School

### Statement Accompanying Form - A

1. Door Number of building : Green Park International School  
Trichy to Chennai Highway Road  
R.S.Nos. 357/2B2A & 357/3B1
2. Location (Street, Name, Ward Number,  
Name of place, i.e. Corporation/Municipality/  
Panchayat/Panchayat Union/Township/  
Contonment, etc.,) : Ezhuthur village and Panchayat  
Mangalur Panchayat union  
Tittagudi Taluk,  
Cuddalore District.
3. Year of construction : 2017
4. Approximate cost of construction as  
per current rates : Rs.4,00,00,000-  
(Rs.Four crores only)
5. Purpose for which the building is being  
used or proposed to be used : Class rooms,office room, staff room  
Principal room, Library, General science lab  
Computer lab, Sports room 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 : Vitrified tiles floor finishing and  
RCC roof

**Er. K.G. Manivachakam.**  
B.E.,M.I.E.,F.I.V.,C.Eng.,  
Chartered Engineer, Approved Valuer,  
Class-IA Registered Engineer,  
(Under Tamilnadu Public Building-LIC. Act.)  
Collectorate Panel Engineer.  
D. No. 3/201, First Cross Street, Friends Nagar,  
Opp: District Employment Office,  
Semmandalam, Cuddalore

Address : 3/201, Ist Cross street, Friends Nagar, Cuddalore -607 001

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e) Area of the building	:	Ground floor	767.64 Sq.M.
		First floor	743.63 Sq.M.
		Second floor	743.63 Sq.M.
		Head room	113.09 Sq.M.

8. Period for which licence is required : From 20-06-2020 to 19-06-2023

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

“ Certified that no addition or alteration has been made to the existing  
(Green Park International School, Trichy to Chennai Highway Road, R.S.Nos.357/2B2A &  
357/3B1, Ezhuthur village and Panchayat, Mangalur Panchayat union, Tittagudi 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 : 19-06-2020

Signature of the Registered Engineer

**Er. K.G. Manivachakam.**  
B.E., M.I.E., F.I.V., C.Eng.  
Chartered Engineer, Approved Valuer.  
Class-IA Registered Engineer.  
(Under Tamilnadu Public Building-LIC. Act.)  
Collectorate Panel Engineer.  
D. No: 3/201, First Cross Street, Friends Nagar,  
Opp: District Employment Office,  
Semmandalam, Cuddalore

Date :

Signature of the owner of the building



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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 Green Park International School, Trichy to Chennai Highway Road, R.S.Nos.357/2B2A & 357/3B1, Ezhuthur village and Panchayat, Mangalur Panchayat union, Tittagudi 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  | : | RCC footings : 2.13 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 | : | 30.00 M.Ton/Sq.M.     |

**II. Superstructure:**

- |  |   |  |
|--|---|--|
| 1. Maximum stress in the most critical section of masonry and concrete | : | 1300 ksc   |
| 2. Nature of masonry and concrete and its permissible stress           | : | Brick masonry with cement mortar-3000 ksc<br>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 20-06-2020 to 19-06-20203

Date : 19-06-2020

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

**Er. K.G. Manivachakam,**  
B.E.,M.I.E.,F.I.V.,C.Eng.,  
Chartered Engineer, Approved Valuer,  
Class-IA Registered Engineer,  
(Under Tamil Nadu Public Building-LIC. Act.)  
Collectorate Panel Engineer,  
D. No: 3/201, First Cross Street, Friends Nagar,  
Opp: District Employment Office,  
Semmandalam, Cuddalore

**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 place       | : | Green Park International School<br>Trichy to Chennai Highway Road<br>R.S.Nos.357/2B2A & 357/3B1,<br>Ezhuthur village and Panchayat,<br>Mangalur Panchayat union,<br>Tittagudi Taluk,<br>Cuddalore District, |
| 2. Age of the building   | : | 3 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, Principal room,<br>Library, General science lab, Computer lab,<br>Sports room and toilets  |
| 6. The period for which the building will be structurally sound              | : | Three years from 20-06-2020 to 19-06-2023   |
| 7. Number of persons to be accommodated                                      | : | 1000 Nos (capacity)   |
| 8. Remarks   | : | Building is Structurally sound ,strong<br>and safe and fit for habitation   |

Date : 19-06-2020

**Er. K.G. Manivachakam.**  
B.E.,M.I.E.,F.I.V.,C.Eng..  
Chartered Engineer, Approved Valuer,  
Class-IA Registered Engineer.  
(Under Tamilnadu Public Building-LIC. Act.)  
Collectorate Panel Engineer,  
D. No: 3/201, First Cross Street, Friends Nagar,  
Opp: District Employment Office.  
Sammandalam, Cuddalore

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



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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<br>B.E.,M.I.E.,F.I.V.,<br>Registered Engineer Class I.A<br>3/201,1st Cross Street<br>Friends Nagar<br>Cuddalore – 607 001.   |
| 2. Location of the building inspected<br>D.No. Street No. Name of place i.e.<br>Municipal corporation / Municipality/<br>Panchayat or Panchayat Union/<br>Township/Contonment. : | Green Park International School<br>Trichy to Chennai Highway Road<br>R.S.Nos.357/2B2A & 357/3B1<br>Ezhuthur village and Panchayat,<br>Mangalur Panchayat union,<br>Tittagudi Taluk,<br>Cuddalore District. |
| 3. Date of Inspection :  | 18-06-2020   |
| 4. Purpose for which the building is used :  | Class rooms, Office, staff room, Principal room,<br>Libray, General science lab, computer lab,<br>Sports room 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 : 19-06-2020

  
**Er. K.G. Manivachakam,**  
B.E.,M.I.E.,F.I.V.,C.Eng.,  
Chartered Engineer, Approved Valuer,  
Class-IA Registered Engineer,  
(Under Tamilnadu Public Building-LIC. Act.)  
Collectorate Panel Engineer,  
D. No: 3/201, First Cross Street, Friends Nagar,  
Opp: District Employment Office,  
Semmandalam, Cuddalore

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

Proceedings of the Collector of South Arcot Vallalar District.

Present : Thiru I. Shanmugam, I.A.S.,  
C.O.:-

D. O. M2/80777/96  
=====

Dated: 23.4.96  
=====

Subj Tamil Nadu Public Building Licensing Act 1965 =  
Inclusion of the name of Thiru A. 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. MPE/TI/R/94630/96, dated  
25.3.96 of the Engineer in Chief, WRO, Public  
Works Department, Madras.  
3. G.O. No. 622, dated 7.4.77, Rural Development  
& Local Administration Department.

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Thiru A. Manivachagan, E.E. (Civil) has presented  
an application to the Collector of South Arcot Vallalar District  
Guddalore 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., Guddalore.

The Board of Engineers in the 346<sup>th</sup> 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 A. 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 certificate 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.

for COLLECTOR/

To  
Thiru A. Manivachagan, E.E. (Civil)  
Civil Engineering Consultant/Construction Engineer,  
291, First Cross Street,  
Friends Nagar (Opp. Dist. Employment Office)  
Guddalore.

- Copy to: 1. The Member Secretary, Local Planning  
Authority, Guddalore - for information.  
2. The Chief Educational Officer, Guddalore - for information  
3. The Executive Engineer, P.W.D., Guddalore -  
for information.  
4. All the Municipal Commissioners of South Arcot  
Vallalar District.  
Copy to 'G' Section, Collectorate, Guddalore - for  
information.  
5. The President, Theatre Owners' Association, for  
information.  
6. The District Microfilm Centre Officer, Collectorate,  
Guddalore  
7. The Project Officer, D.E.T., for information.  
8. The Personal Assistant (P.D.)



\* TABLE

Sl. No.	Category	Cost of Building	Qualification of Engineers
(1)	(2)	(3)	(4)
1.	Class III	Buildings, the cost of which does not exceeds 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), Institute of Civil 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), Institute of Civil Engineers (London), American Society 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 II, Section 1(a), Issue No.9 Page 26-27, dated March 9, 2011

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.]

1. Rule 11-A, and inserted by G.O. Ms. No.149, R.D. L.A. 23rd July 1973.