

D.Dis.A1/1809 /2020
Date: .09.2020.



Taluk Office
Cuddalore.

FORM D

Form of License under sub section (1) of section 6 of the Madras Public Building (Licensing) act 1965 (Madras Act 13 of 1965) referred to rule 6 of the Madras Public Building (Licensing Rules 1966).

LICENCE

License No. 40 /2020.

Challan No. 05, Dt.20.07.2020. Rs.5000/-

License is hereby renewed to, AUROCHILD INTERNATIONAL SCHOOL, VARAKALPET, CUDDALORE TALUK AND DISTRICT for the purpose and in respect of the building specified in the statement below and subject to the conditions and for the period mentioned hereunder.

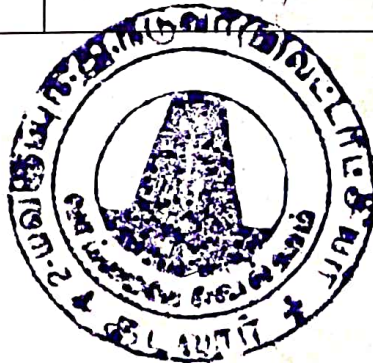
The period of Validity of the License shall be from 17.09.2020 to 31.05.2023 (Both days inclusive)


**TAHSILDAR
CUDDALORE.**

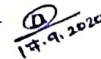


STATEMENT OF ACCOMPANY THE LICENSE

Location of the Building (Door, Street Number and Name of the Place	Purpose for which the building is licensed to be used as a public building	No. of Persons to be accommodated
T.S.No.14/2B, OLD Survey No.173/2, 174/1, & 176/2, VARAKALPET VILLAGE, CUDDALORE AND DISTRICT	To Run, AUROCHILD INTERNATIONAL SCHOOL	1900 Students (One Thousand Nine hundred students only)




**TAHSILDAR
CUDDALORE.**



Proceedings of the Collector of South Arcot Vallalar District.

Present : Thiru K. Shanmugam, I.A.S.,
-: 000:-

D. O. M2/80777/96

Dated: 23.4.96

Sub: Tamil Nadu Public Building Licensing Act, 1968 -
Inclusion of the name of Thiru G. Manivachagan
in the panel of Private Practising Engineer
under class 1-A in South Arcot Vallalar District.

Ref: 1. Petition of Thiru Manivachagan, dated 9.10.95
2. Proceedings No. AMT/T1/B/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.

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 1-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 1-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 1-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.

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

0.19/19/96
for Collector
Personal Secretary (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 Adiravida Welfare Officer, Collectorate,
Cuddalore
7. The Project Officer, D.R.D.A. } for information.
8. The Personal Assistant (I.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 recognized 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 by 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

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.]

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 : Aurochild International School
2. Location (Street, Name, Ward Number, Name of place, i.e. Corporation/Municipality/ Panchayat/Panchayat Union/Township/ Contonment, etc.,) : Genius Garden
New R.S.No.14/2B
Old S.Nos.173/2,174/1,175/1 & 176/2
Varakalpet village
Cuddalore Panchayat Union
Cuddalore Taluk and District.
3. Year of construction : Block -1
Ground floor : 2008
First and Second floor : 2010
Block -2 : 2008
4. Approximate cost of construction as per current rates : Rs.2,00,00,000-
(Rupees.Two crores only)
5. Purpose for which the building is being used or proposed to be used : Class rooms, office, Principal room,store
Laboratory, Library, computer 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 : Pile foundation with RCC columns
 - b) Basement : Brick masonry with cement mortor
 - c) Superstructure : Brick masonry with cement mortor
 - d) Floor Finishing : Ceramic tiles floor finishing
 - e) Roof : 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.

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

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

f) Area of the building	:		Sq.Feet.	Sq.M.
		Block-1		
		Ground floor	7157.50	665.19
		First floor	7157.50	665.19
		Second floor	7157.50	665.19
		Open stage	868.53	80.72
		Block -2		
		Ground floor	376.63	35.00
		First floor	492.49	45.77
		Watchman room	64.00	5.95

8. Period for which licence is required : From 15-03-2021 to 14-03-2024

9. Number of persons to be accommodated : 1900 Nos (Capacity)

“ Certified that no addition or alteration has been made to the existing Aurochild International School, Genius Garden, New R.S.No.14/2B, Old S.Nos.173/2, 174/1,175/1 & 176/2, Varakalpet village,Cuddalore Panchayat Union,Cuddalore Taluk and 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 : 13-03-2021

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.

Date :

Signature of the owner of the building

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

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

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 Aurochild International School, Genius Garden, New R.S.No.14/2B, Old S.Nos.173/2,174/1,175/1 & 176/2, Varakalpet village, Cuddalore Panchayat Union, Cuddalore Taluk and 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 | : | 3.66 M |
| 2. Nature of soil met with at foundation level | : | Sandy clay |
| 3. Pressure at foundation | : | 6.00 M.Ton/Sq.M. |
| 4. Probable safe bearing capacity of the soil met with at foundation | : | 30 M.Ton/Sq.M. |

II. Superstructure:

- | | | |
|--|---|--|
| 1. Maximum stress in the most critical section of masonry and concrete | : | 1600 ksc |
| 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 15-03-2021 to 14-03-2024

Date : 13-03-2021

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

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,

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

IEVREG.No.M-1113049/PPE/PANEL REG.No.M2/80777/96) IV-REG.No.F-10205
 Reg.No under section 34AB of Wealth Tax Act - Category 1566 of 2012 - 2013
 Chartered Engineer, Approved Valuer/Civil Engineer, Panel Valuer of Basics
Class IA Registered Engineer, Competent person to release structural soundness
 Certificate for public buildings

Form- C**Statement to Accompany the certificate of Structural soundness**

1. Location of the building, door number, street and name of the place : Anrochild International School
 Gemini Garden,
 New R.S.No.14/2B,
 Old S.Nos.173/2,174/1,175/1 & 176/2,
 Varakalpet village,
 Cuddalore Taluk and District
2. Age of the building : Block -1
 Ground floor : 13 years
 First and Second floor : 11 years
 Block -2 : 13 years
3. Number of Storeys : Block -1 : Three storeyed
 Block-2 : Two storeyed
4. Short description of structures steel/ Rcc framed or load bearing masonry : RCC framed structure (Pile foundation)
5. Purpose for which the building is certified for use : Class rooms, office, Principal room, store
 Laboratory, Library, computer lab and toilets
6. The period for which the building will be structurally sound : Three years from 15-03-2021 to 14-03-2024
7. Number of persons to be accommodated : 1900 Nos (capacity)
8. Remarks : Building is structurally sound, strong and safe and fit for habitation

Date : 13-03-2021

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-Act)
 Collectorate Panel Engineer,
 D. No. 32/1, First Cross Street, Friends Nagar
 Opp: District Employment Office,

Address : 3/2/1, 1st Cross street, Friends Nagar, Cuddalore -607 001.(TN)

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

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
3/201,1st 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. | Aurochild International School
Genius Garden
New R.S.No.14/2B
Old S.Nos.173/2,174/1,175/1 & 176/2
Varakalpet village
Cuddalore Panchayat union
Cuddalore Taluk and District. |
| 3. Date of Inspection | : 13-03-2021 |
| 4. Purpose for which the building is used | : Class rooms, office, Principal room, store
Laboratory, Library, computer 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 : 13-03-2021


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.

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

Self Declaration by Licensed Building Surveyor, Architect/Structural Engineer
Concurrence for Building of Educational Institutions G.O.Ms.No.76, Housing
and Urban Development Department, dated 14-06-2018

LICENSED BUILDING SURVEYOR

Name : K.G.Manivachagam
Address : No.3/201, First cross street,
Friends Nagar, Cuddalore -607 001
Phone No. : 04142- 290207, Cell No.9842332323
Email ID : kgmaniv@gmail.com
Qualification : B.E., M.I.E, F.I.V.,
License Number and Validity : Reg.No.093/IS/2019/00021
Valid till 31-03-2024
Cuddalore Municipality
Corporation/Municipality/
Town Panchayat/Village Panchayat


Er. K.G. MANIVACHAKAM, B.E., M.I.E., F.I.V. C.Eng.
REGISTERED ENGINEER - GRADE-I-RE
REGD. No:093 / IS / 2019 / 00023
(CUDDALORE MUNICIPALITY)
D.No: 3/201, First Cross Street, Friends Nagar,
SEMMANDALAM, CUDDALORE - 607 001.

~~ANALYST'S (OR) STRUCTURAL ENGINEER~~

[illegible]

~~1. *Quercus agrifolia* Nutt.~~

一、《说文解字》：《说文解字》是东汉许慎所著的一部文字学著作，《说文解字》是中国第一部系统分析汉字字形、考究字源、解释字义的字典，也是中国第一部按部首编排的字典。

[illegible]

一、**目的**：通过本实验，使学生掌握：1. 掌握用高锰酸钾法测定亚铁离子的原理及操作。2. 掌握用重铬酸钾法测定亚铁离子的原理及操作。3. 掌握用碘量法测定亚铁离子的原理及操作。



Figure 1. The effect of the concentration of the inhibitor on the rate of polymerization of the monomer.

10. 10.10.2019

[illegible]

~~TOP SECRET~~

~~Staphylinid: Cryptine-Redivivus~~

RS. LG. WASHINGTON, D.C. 20540-0001


1990



A micrograph showing a cross-section of a plant stem. The vascular bundles are arranged in a ring, and the green color highlights the xylem and phloem tissues within these bundles.

Plinth area of the buildings for the Aurochild International School , Genius Garden,
New R.S.No.14/2B, Old S.Nos.173/2,174/1,175/1 & 176/2, Varakalpet village, Cuddalore
Panchayat Union, Cuddalore Taluk and District.

		<u>Sq.Ft.</u>
Block-1 :	Ground floor	7157.50
	First floor	7157.50
	Second floor	7157.50
Block -2	Ground floor	376.63
	First floor	492.49
	Watchman Room	64.00
Total F.S.I.Area		----- 22405.62 Sq.Ft. =====


Er. K.G. MANIVACHAKAM, B.E., M.I.E., F.I.V. 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 605 001