

**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   | : | Raja Desingh Public School<br>Gingee to Tindivanam Road  |
| 2. Location (Street, Name, Ward Number,<br>Name of place, i.e.Corporation/Municipality/<br>Panchayat/Panchayat Union/Township/<br>Contonment, etc.,) | : | R.S.Nos.74/7A,74/7B,74/7C,74/8,74/9,74/10,<br>74/11,74/12A,74/12B, 74/12C,74/12D,74/13,<br>74/14,74/6A,74/6B & 74/6C.<br>Kalaiyur village & Post - 604 206<br>Gingee Taluk<br>Villupuram District. |
| 3. Year of construction  | : | 2010   |
| 4. Approximate cost of construction as<br>per current rates  | : | Rs.8,00,00,000-<br>(Rs.Eight crores only)  |
| 5. Purpose for which the building is being<br>used or proposed to be used  | : | Class rooms, Principal room and Computer Lab,<br>Laboratories, store, staff room, office, Library<br>Dance room, Art and craft room and toilets  |
| 6. Purpose for which the building has now<br>been used   | : | -do-   |
| 7. Details of construction of the building<br>(particulars of the foundation soil,<br>specification of the various parts<br>under)                   | : |  |
| a) Foundation  | : | Pile foundation  |
| b) Basement  | : | Brick masonry with cement mortor   |
| c) Superstructure  | : | Brick masonry with cement mortor   |
| d) Floor Finishing   | : | Vitrified tiles floor finishing  |
| e) Roof  | : | RCC roof slab  |

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 (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

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

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e) Area of the building	:	Sq.Feet	Sq.M.
		Block -1	
		Ground floor	12746.25   1183.55
		First floor	11913.75   1106.23
		Second floor	12746.25   1183.55
		Block -2	
		Ground floor	6871.75   638.12
		First floor	6871.75   638.12
		Second floor	6871.75   638.12
		Toilet block (W.C.sheet)	734.05   68.22

8. Period for which licence is required : From 07-05-2021 to 06-05-2024

9. Number of persons to be accommodated : 2000 Nos. (capacity)

“ Certified that no addition or alteration has been made to the existing (Raja Desingh Public School, R.S.Nos.74/7A,74/7B,74/7C,74/8,74/9,74/10,74/11,74/12A, 74/12B, 74/12C,74/12D,74/13,74/14,74/6A,74/6B & 74/6C, Gingee to Tindivanam Road Kalaiyur village & Post - 604 206, Gingee Taluk, Villupuram 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 : 05-08-2020

Signature of the Registered Engineer

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 Villupuram Region,  
 D.No: 3/201, First Cross Street, Friends Nagar  
 SEMMANDALAM, CUDDALORE 607 001

Date :

Signature of the owner of the building

**CHAIRMAN**  
**RAJA DESINGH EDUCATIONAL TRUST**  
 Kalaiyur Village, Vallam Post,  
 Gingee T.K., Villupuram D.t., 604 206

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

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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 Raja Desingh Public School, R.S.Nos.74/7A,74/7B,74/7C,74/8,74/9,74/10,74/11,74/12A,74/12B, 74/12C,74/12D,74/13, 74/14, 74/6A,74/6B & 74/6C, Gingee to Tindivanam Road, Kalaiyur village & Post - 604 206, Gingee Taluk, Villupuram 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  | : | Block -1 : 6.70 M (Pile foundation)<br>Block -2 : 8.23 M (Pile foundation) |
| 2. Nature of soil met with at foundation level                       | : | Hard Clay  |
| 3. Pressure at foundation  | : | 8.00 M.Ton/Sq.M.   |
| 4. Probable safe bearing capacity of the soil met with at foundation | : | 15.00 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<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 07-05-2021 to 06-05-2024

Date : 05-08-2020

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Form-CStatement to Accompany the certificate of Structural soundness

1. Location of the building, door number, street and name of the place : Raja Desingh Public School  
 Gingee to Tindivanam Road :  
 R.S.Nos.74/7A,74/7B,74/7C,74/8,74/9,74/10,  
 74/11,74/12A,74/12B, 74/12C,74/12D,74/13  
 74/14, 74/6A,74/6B,74/6C  
 Kalaiyur village & Post - 604 206,  
 Gingee Taluk,  
 Villupuram District
2. Age of the building : 10 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, Principal room and Computer Lab,  
 Laboratories,store, staff room, office,Library  
 Dance room, Art and craft room and toilets
6. The period for which the building will be structurally sound : Three years ( from 07-05-2021 to 06-05-2024 )
7. Number of persons to be accommodated : 2000 Nos (capacity)
8. Remarks : The building is structurally sound, strong and safe for habitation.

Date : 05-08-2020

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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,Ist 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. Municipal corporation / Municipality/ Panchayat or Panchayat Union/ Township/Contonment. | Raja Desingh Public School<br>Gingee to Tindivanam Road<br>R.S.Nos.74/7A,74/7B,74/7C,74/8,74/9,74/10,<br>74/11,74/12A,74/12B, 74/12C,74/12D,74/13,<br>74/14, 74/6A,74/6B & 74/6C<br>Kalaiyur village & Post - 604 206,<br>Gingee Taluk,<br>Villupuram District. |
| 3. Date of Inspection   | 31-07-2020  |
| 4. Purpose for which the building is used   | Class rooms, Principal room and Computer Lab,<br>Laboratories,store, staff room, office,Library<br>Dance room and Art and craft 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 : 05-08-2020

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