

# 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), I V-REG.NO F-10285

Chartered Engineer (India), Approved Valuer/Civil Engineer,

Class 1A Registered engineer, competent person to release structural soundness certificate for public buildings

Stability  
Certificate

## CERTIFICATE OF STRUCTURAL SOUNDNESS

### STATEMENT ACCOMPANYING FORM-A

Ref No: CSSP-09-03-2020

Date: 09-03-2020

1. Door No. of the Building : " JOHN DEWEY INTERNATIONAL (CBSE) SCHOOL "  
S.F.No:85/2B, 85/2C, 85/2D, 85/2E, 93/3.
2. Location (Street Name, Ward No., Name of the Place, i.e. Corporation / Municipality/Panchayat/Panchayat Union/Township/Cantonment, etc) : 3/250, Pandy main Road, Panankuppam Village , Koliyanur Panchayat Union, Villupuram Taluk & district. 605108
3. Year of construction : Ground floor -2016  
First floor -2017  
Second floor -2019
4. Approximate cost of construction as per current rates : 7,00,00,000.00 (Rupees Seven Crores only).
5. Purpose for which the building is being used or proposed to be used : used for Educational Purposes.
6. Purpose for which the building hither been used : Junior KG to Grade XII.
7. Details of construction of the building :
  - a) Foundation : Isolated Column Footing / Strip Footing
  - b) Basement : Frames, Tie Beam
  - c) Superstructure : Frames & Brick Masonry
  - d) Floor & Roof : Cement Floor & RCC roof

Er. K.G. Manivachakam.

B.E., M.I.E., F.I.V., C.Engg

Chartered Engineer, Approved Valuer

Class-1A-Registered Engineer,

under Tamilnadu Public Building Act)

10/201 First Cross Street, Friends Nagar,

Villupuram District, Tamil Nadu

Mobile: 94421 11111, 94421 11112

Office: 0426 2222222

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## e) Area of the Building

Ground Floor Area (Part) : 1546.64 m<sup>2</sup>

First Floor Area (Part) : 1546.64 m<sup>2</sup>

Second Floor Area (Part) : 1546.64 m<sup>2</sup>

Staircase Head Room Area : 258.57 m<sup>2</sup>

Lift Head Room Area : 13.30 m<sup>2</sup>

Total Buildup Area : 4911.79 m<sup>2</sup>

Total Site Area : 9400.00 m<sup>2</sup>


8. Period for which license is required : 01.06.2020 to 31.05.2023 (Three Years)

9. Number of persons to be accommodated : 1000 Students


10. Applicant : Mr.VEERADHAS  
CHAIRMAN

"Certified that no addition or alteration will be made to the building or portion of a building for which this application has been made. I undertake to opinion a fresh license in case any addition or alteration is made to the building. I also undertake to obtain a fresh license if the purpose for which the license was granted fit the use of the building or a portion originally changed or altered subsequently."

Date: 09-03-2020

  
Signature of the owner of the Building

Date: 09-03-2020

  
Er. K.G. Manivachakam.

B.E., M.I.E., F.I.V. C. Engg.

Chartered Engineer (India), Approved Valuer  
Class-1A-Registered Engineer (Act)

Chartered Tamilnadu Public Building (Act)

Office No 3/201 First Cross Street, P. Nagar

Opp. District Employment Office

Semmandalam, Cuddalore - 607 001

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Class 1A Registered engineer, competent person to release structural soundness certificate for public buildings

## FORM-B

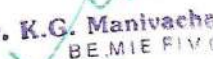
*(Form of certificate of structural soundness under sub section (4) of the Tamil Nadu Public Building (Licensing) Act 1965 (Tamil Nadu 13 of 1965) referred to in rule 4 of the Tamilnadu Public Buildings (Licensing) Rule 1966)*

*I certify that I have gone through the structural details of the building, mentioned in the statement and furnish below its salient technical features as per the design*

- |  |   |
|--|---|
| <b>I. <u>FOUNDATION:</u></b>   | <b>AS PER STRUCTURAL DETAILS</b>  |
| 1. Depth below ground level  | : 2.5 m   |
| 2. Nature of soil met with at foundation level                       | : Red gravel  |
| 3. Pressure at foundation  | : 9.00 ST/m <sup>2</sup>  |
| 4. Probable safe bearing capacity of the soil met with at foundation | : 20.00 T/m <sup>2</sup>  |
| <b>II. <u>SUPER STRUCTURE:</u></b>                                   | <b>AS PER STRUCTURAL DETAILS</b>  |
| 1. Maximum stress in the most critical section of Masonry & concrete | : The stresses are safe in the most critical sections.                                  |
| 2. Nature of Masonry and concrete & its safe Permissible stress      | : The stresses in stone & brick masonry are within permissible limits and as per design |

*The structural soundness of the building has been verified by me with reference to I.S.I. loading standards 878 (Latest Version) and other relevant Indian standards code of practice and I declare that the building will be structurally sound to be used as public building for the purpose noted in the statement.*

Date: 09-03-2020

  
**Er. K.G. Manivachakam,**  
B.E., M.I.E., F.I.V. C. Engr.  
Chartered Engineer, Approved Valuer  
Class-1A-Registered Engineer,  
(under Tamil Nadu Public Building Act)  
No. 201 P.B. Class-1A-Registered Engr.  
Opp. District Employment Office  
Semmandalam, Cuddalore - 607 001

# 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), I.V-REG.NO F-10285

Chartered Engineer (India), Approved Valuer/Civil Engineer,  
Class 1A 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 No, Street Name & Name of the Place) : " JOHN DEWEY INTERNATIONAL (CBSE) SCHOOL "  
S.F.No:85/2B, 85/2C, 85/2D, 85/2E, 93/3.  
3/250, Pondy main Road, Panankuppam Village , Koltyanur Panchayat Union, Villupuram Taluk & district. 605108
2. Age of the Building : Ground floor -2016  
First floor -2017  
Second floor -2019.
3. Number of Storey : Ground Floor + First Floor + Second Floor
4. Short description of structures, Steel RCC framed or load bearing masonry : RCC Structure
5. Purpose for which the building is certified for use : Educational Purpose  
Junior KG to Grade XII.
6. The period for which the building will be structurally sound : 01.06.2020 to 31.05.2023 ( Three years)
7. Number of persons to be Accommodated : 1000 Students.
8. Remarks : Certified that this Ground Floor (Part), First Floor (Part), Second Floor (part) Building is Structurally Sound and fit for occupation.

Date: 09-03-2020

Er. K.G. Manivachakam.

B.E M.I.E F.I.V.C Engg

Chartered Engineer Approved Valuer

Class-1A-Registered Engineer

(Under Tamilnadu Public Building Act)

No. 207, First Cross Street, Friends Nagar,

Opp. District Employment Office

Chennai-600 029

Signature of the Registered Engineer

# 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), I.V-REG.NO F-10285

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Class 1A 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 others acts under Sec.28 of the Madras Public Buildings (Licensing)Act 1965(Madras Act 13 of 1965)referred to in rule 7 of the Madras Public Buildings(Licensing)Rules 1966 Act.

1. Name and Designation of the inspecting Authority or officer appointed by or having jurisdiction under any other act or law : Er.K.G.MANIVACHAKAM,B.E,MIE,FIV, CHARTERED ENGINEER (INDIA), Class 1-A Panel Registered Engineer.
2. Location of the Building (Door no, Street Name & Name of the place) : " JOHN DEWEY INTERNATIONAL (CBSE) SCHOOL " S.F.No:85/2B, 85/2C, 85/2D, 85/2E, 93/3. 3/250, Pondy main Road ,Panankuppam Village , Koliyanur Panchayat Union, Villupuram Taluk & district. 605108
3. Date of Inspection : 06-03-2020
4. Purpose of which the building is used : Educational Purpose Junior KG to Grade XII.
5. Nature if defects noticed : No defects found
6. Suggestion for rectifying defects : Does not arise
7. If in a dangerous condition immediate steps recommended to be take. : Does not arise
8. Documents referred for preparing this certificate. : Copy of plan

Date:09-03-2020

Er. K.G. Manivachakam.

B.E, M.I.E, F.I.V, C.E

Chartered Engineer, Approved Valuer

Class-1A-Registered Engineer

(Under Tamilnadu Public Buildings Act)

D.No: 201/1991 Cross Street, Villupuram

Opp. District Employment Office

Signature of the Inspecting Authority/

Officer appointed/having Jurisdiction