

**CERTIFICATE OF STRUCTURAL SOUNDNESS**

**STATEMENT ACCOMPANYING FORM-A**

Ref No: CSS-07-05-2018

Date: 07-05-2018

1. Door No. of the Building : SRI DHARAMCHAND JAIN SCHOOL  
(Run by Sri Dharam Educational Trust)  
S.No: 112/6B, 112/6C, 113/1A, 114/4, 114/6B,  
114/8.
2. Location (Street Name, Ward No., Name of the Place, i.e. Corporation / Municipality/Panchayat/Panchayat Union/Township/Cantonment, etc) : Vandavasi - Tindivanam Road,  
Karuvambakkam Village & Panchayat,  
Tindivanam Taluk, Villupuram District.
3. Year of construction : 2015
4. Approximate cost of construction as per current rates : ₹ 6,50,00,000.00  
(Rupees six crores & fifty lakhs only)
5. Purpose for which the building is being used or proposed to be used : Educational purpose (CBSE school)
6. Purpose for which the building hither been used : Being used as school / Educational Purpose
7. Details of construction of the building :
  - a) Foundation : Isolated Column footing
  - b) Basement : Brick Masonry & framed
  - c) Superstructure : Brick Masonry & Aerocon Blocks in CM 1:6
  - d) Floor & Roof : Tiled Floor & RCC Roof
  - e) Area of the Building :

G.F.	: 1512.6 m <sup>2</sup>	} Area of the building is as per the approved plan enclosed FSI 0.12 & Plot Coverage 4.28%
F.F.	: 1460.7 m <sup>2</sup>	
S.F.	: 1645.7 m <sup>2</sup>	
Head Room	: 203.2 m <sup>2</sup>	
Plot / Land Area	: 38450 m <sup>2</sup>	

**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)

10/1/201, First Cross Street, Friends Nagar

Opp District Employment Office,

Semmandalam, Cuddalore - 607 001

9a  
**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

8. Period for which license is required : 01-06-2018 to 31-05-2021 (3 years)
9. Number of persons to be accommodated : 1500 Students
10. Applicant : Mr. H.Jinraj, Secretary,  
SRI DHARAM EDUCATIONAL TRUST,  
No: 110, Gingee Road, Tindivanam.

*"Certified that no addition or alteration has been made to the existing 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 existing 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: 07-05-2018

Signature of the owner of the Building

Date: 07-05-2018



Signature of the Registered Engineer.

**Er. K.G. Manivachakam,**  
B.E, M.I.E, F.I.V, C.Engg  
Chartered Engineer, Approved Valuer,  
Class-IA-Registered Engineer,  
(Under Tamilnadu Public Building Act)  
D No 3/201, First Cross Street, Friends Nagar  
Opp District Employment Office,  
Semmandalam, Cuddalore - 607 001.

ADDRESS:

3/201, 1<sup>st</sup> cross street, Friends Nagar, Cuddalore-607001. (TN) Off: 91-4142-290207 Mobile: 91-98423-32323  
Email:kgmaniv@gmail.com

**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 inspected the building, mentioned in the statement and furnish below its salient technical features:-

**I. FOUNDATION:**

1. Depth below ground level : 6 Feet
2. Nature of soil not with at foundation level : Silty Clayey Sandy Gravel
3. Pressure at foundation : 12 KN/m<sup>2</sup> (Design Load)
4. Probable safe bearing capacity of the soil met with at foundation : 18 T/m<sup>2</sup> or 180 KN/m<sup>2</sup>

**II. SUPER STRUCTURE:**

1. Maximum stress in the most critical section of Masonry & concrete : } Verified the structural design & calculations
2. Nature of Masonry and concrete & its safe Permissible stress : } And all the stresses are safe

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 is structurally sound to be used as public building for the purpose noted in the statement. A license may be granted for the period from 01-06-2018 to 31-05-2021 (3 years)

Date: 07-05-2018



Signature of the Registered Engineer

**Er. K.G. Manivachakam,**

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

Chartered Engineer, Approved Valuer.

Class-IA-Registered Engineer.

(Under Tamilnadu Public Building Act)

C No: J/201, First Cross Street, Friends Nagar

Opp-District Employment Office.

Semmandalam, Cuddalore - 607 001



**FORM-C**

**STATEMENT TO ACCOMPANY THE CERTIFICATE OF STRUCTURAL SOUNDNESS**

1. Location of the Building  
(Door No, Street Name &  
Name of the Place) : **SRI DHARAMCHAND JAIN SCHOOL**  
(Run by Sri Dharam Educational Trust)  
S.No: 112/6B, 112/6C, 113/1A, 114/4, 114/6B  
114/8, Vandavasi - Tindivanam Road,  
Karuvambakkam Village & Panchayat,  
Tindivanam Taluk, Villupuram District.
2. Age of the Building : 3 Years
3. Number of Storey : G.F. + 2 (G.F. + F.F. + S.F. + Head Room)
4. Short description of structures, Steel RCC : RCC Framed structure supported on isolated  
framed or load bearing masonry footings
5. Purpose for which the building is  
certified for use : Educational purpose (CBSE School)
6. The period for which the building will  
be structurally sound : From 01-06-2018 to 31-05-2021 (3 years)
7. Number of persons to be  
accommodated : 1500 Students
8. Remarks : Certified that the building is structurally  
sound & safe for usage

Date: 07-05-2018



**Signature of the Registered Engineer**

**Er. K.G. Manivachakam,**  
B.E, M.I.E, F.I.V, C.Engg  
Chartered Engineer, Approved Valuer,  
Class-IA-Registered Engineer,  
(Under Tamilnadu Public Building Act)  
D.No: 3/201, First Cross Street Friends Nagar  
Opp District Employment Office,  
Semmandalam, Cuddalore - 607 001

ADDRESS:

3/201, 1<sup>ST</sup> cross street, Friends Nagar, Cuddalore-607001. (TN) Off: 91-4142-290207 Mobile: 91-98423-32323  
Email:kgmaniv@gmail.com

**FORM-E**

(Form of Report to be made to the competent Authority by Inspecting authorities or officers appointed under other 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) : **SRI DHARAMCHAND JAIN SCHOOL** (Run by Sri Dharam Educational Trust) S.No: 112/6B, 112/6C, 113/1A, 114/4, 114/6B, 114/8, Vandavasi - Tindivanam Road, Karuvambakkam Village & Panchayat, Tindivanam Taluk, Villupuram District.
3. Date of Inspection : 06-05-2018
4. Purpose for which the building is used : Used as Educational Building
5. Nature of defects noticed : No defects found
6. Suggestion for rectifying defects : Does not arise
7. If in a dangerous condition immediate steps recommended to be taken. : Does not arise
8. Documents referred for preparing this certificate. : Copy of approved plan #: 1175/2014 Dt: 06-02-2015 by DTCP - AD / Villupuram & DD (TCP) Lr. # : 3365/ A2/2015 Dt: 01-06-2015

Date: 07-05-2018

Signature of the Inspecting Authority / officer appointed / having Jurisdiction.

**Er. K.G. Manivachakam.**  
B.E, M.I.E, F.I.V, C.Engg

Chartered Engineer, Approved Valuer,  
Class-1A-Registered Engineer,

(Chartered Tamilnadu Public Building Act)

No. 3/201, 1<sup>ST</sup> Cross Street, Friends Nagar,

Opp District Employment Office

Semmandalam, Cuddalore - 607 001

ADDRESS:

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