

<b>J.R.JULIUS</b> , M.E., Ph.D., M.Sc.(REV), MIE, FIV,		Phone : 04652 - 261144 Mobile : 94434 14477 98423 14477 email : jrjulius1970@gmail.com
Registered Valuer - IBBI Registered Structural Engineer	District Panel Engineer - Class IA	Chartered Engineer Registered Engineer
• Plans	• Estimates	• Valuations
		• Stability Certificates
4A1, St.Antony Street, Thalavaipuram, Nagercoil - 629 004.		

S.C. No. 79/19

Date: 02 05 19

STATEMENT ACCOMPANYING FORM A

1. Door No. of the building : 1-124C
2. Location of the building : R.P.A. Central School,  
R.P. Educational Trust, R.S.No.895/5A1,6A,  
Nattalam Village, R.P. Nagar,  
Nattalam Village Panchayath,  
Vilavancode Taluk, Kanyakumari District.
3. Year of construction : 2008
4. Approximate cost of constn.  
as per current rates : 250 Lakhs
5. Purpose for which building is  
being used/ proposed to be used : School building
6. Purpose for which building has  
hitherto been used : School building
7. Details of construction of building
  - a. Foundation : R.C.C. Isolated Column footing
  - b. Basement : RCC grade beam with B.W. in C.M.
  - c. Super Structure : R.C.C. frame with B.W. in C.M.
  - d. Floor : PCC & Cement floor finish
  - e. Roof : R.C.C. slab & beams
8. Period for which license  
is required : 01.06.2019 to 31.05.2022 (3 years)
9. Number of persons to be  
accommodated : 600 Nos.

  
 J.R. Julius  
 District Panel Engineer

Certified that no addition or alteration has been made to the existing building or portion of the building for which this application has been made. I undertake to obtain fresh license, in case addition/alteration is made to the existing building or portion of the building. I also undertake to obtain fresh license, if the purpose for which the license was granted for the use of the building originally is changed or altered subsequently.

Signature of the building owner

S.C. No. 79/19

Date: 02 05 19

FORM B

Form of CERTIFICATE OF STRUCTURAL STABILITY UNDER sub-section 4 of the Madras Public Buildings (Licensing) Act 1965, (Madras Act 13 of 1965) referred to in Rule 4 of the Madras Public Buildings (Licensing) Rules 1966.

I certify that I have inspected the buildings mentioned in the statement and furnish below its technical features:

1. FOUNDATION

- |   |                          |
|---|--------------------------|
| 1. Depth below ground level                                   | : 1.8 m average          |
| 2. Nature of soil met with at foundation level                | : Hard gravel Soil       |
| 3. Pressure at Foundation                                     | : 15.16 t/m <sup>2</sup> |
| 4. Probable S B Capacity of the strata met with at foundation | : 45 t/m <sup>2</sup>    |

2. SUPERSTRUCTURE

- |  |  |
|--|--|
| 1. Maximum stress in the most critical section of masonry and concrete | : Brick Masonry - 0.26 N/mm <sup>2</sup><br>RCC 1:1 <sup>1</sup> / <sub>2</sub> :3 - 2.12 N/mm <sup>2</sup>      |
| 2. Nature of masonry and concrete and its safe permissible stress      | : Brick Masonry in C.M, 0.35 N/mm <sup>2</sup><br>RCC 1:1 <sup>1</sup> / <sub>2</sub> :3 - 2.8 N/mm <sup>2</sup> |

The structural soundness of the building has been verified by me with reference to ISI loading Standard 875 (Latest version) and other relevant I S 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, furnished.

A license may be granted for the period from 01-06-2019 to 31-05-2022 (3 Years)



J.R. Julius  
District Panel Engineer

S.C. No. 79/19

Date: 02 05 19

STATEMENT TO ACCOMPANY THE CERTIFICATE OF STRUCTURAL SOUNDNESS

Location of the Building	Age of building	The value of the building at the current rates	Np. of Stories	Short Description	-Certified purpose	Certified Period	No. of persons to be accommodated
D.No.1-124C, R.P.A. Central School, R.P. Educational Trust, R.S.No. 895/5A1,6A Nattalam Village, R.P. Nagar, Nattalam Village Panchayath, Vilavncode Taluk, Kanyakumari District.	11 years	250 Lakhs	CF + GF + 2 only	RCC Framed structure with panel wall brick work	School Building	01.06.2019 to 31.05.2022 (3 years)	600 Nos.

DECLARATION

I, J.R. JULIUS do hereby declare that I possess the qualification and experience stipulated in the table of Rule II of Madras Public Buildings (Licensing) Act for issuing the STRUCTURAL SOUNDNESS CERTIFICATE of the building covered by this certificate.



J.R.Julius  
District Panel Engineer

S.C. No. 79/19

Date: 02 05 19

FORM C

Form of CERTIFICATE OF STRUCTURAL STABILITY UNDER sub-section 4 of the Madras Public Buildings (Licensing) Act 1965, (Madras Act 13 of 1965) referred to in Rule 4 of the Madras Public Buildings (Licensing) Rules 1966.

I certify that I have inspected the buildings mentioned in the statement and furnish below its technical features:

1. FOUNDATION

- |   |                          |
|---|--------------------------|
| 1. Depth below ground level                                   | : 1.8 m average          |
| 2. Nature of soil met with at foundation level                | : Hard gravel Soil       |
| 3. Pressure at Foundation                                     | : 15.16 t/m <sup>2</sup> |
| 4. Probable S B Capacity of the strata met with at foundation | : 45 t/m <sup>2</sup>    |

2. SUPERSTRUCTURE

- |  |  |
|--|--|
| 1. Maximum stress in the most critical section of masonry and concrete | : Brick Masonry - 0.26 N/mm <sup>2</sup><br>RCC 1:1½:3 - 2.12 N/mm <sup>2</sup>      |
| 2. Nature of masonry and concrete and its safe permissible stress      | : Brick Masonry in C.M, 0.35 N/mm <sup>2</sup><br>RCC 1:1½:3 - 2.8 N/mm <sup>2</sup> |

The structural soundness of the building has been verified by me with reference to ISI loading Standard 875 (Latest version) and other relevant I S 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, furnished.

A license may be granted for the period from 01-06-2019 to 31-05-2022 (3 Years)



J.R. Julius  
District Panel Engineer

**FORM E**

Form of report to be made to the competent authority by inspecting authorities or officers appointed under other Acts under section 28 of the Tamil Nadu Public Buildings (Licensing) Act 1965, (Tamilnadu Act XIII of 1965) referred to in Rule 7 of the Tamilnadu Public Buildings (Licensing) Rules 1966.

1.	Name and designation of inspecting authority or officer appointed or having jurisdiction under any other Act or Law	:	J.R. Julius, District Panel Engineer, 4A1, St. Antony Street, Thalavaipuram, Nagercoil - 629 004.
2.	Location of the building inspected	:	D.No.1-124C, R.P.A. Central School, R.P. Educational & Charitable Trust, R.S.No. 895/5A1,6A Nattalam Village, R.P. Nagar, Nattalam Village Panchayath, Vilavancode Taluk, Kanyakumari District.
3.	Date of Inspection	:	01.06.2018
4.	Purpose for which building is used	:	School building
5.	Nature of defects noticed	:	Nil
6.	Suggestions for rectifying defects	:	Nil
7.	If in a dangerous condition, immediate steps recommended to be taken	:	Nil

Signature of the Inspecting Authority

**J.R. JULIUS, M.E., Ph.D., MIE, FIW**  
**District Panel Engineer-Class 1-A**  
**Reg.No : E1/8882/2014**  
**4A1, Thalavaipuram,**  
**Nagercoil - 629 004.**

From  
District Collector,  
Kanniyakumari District,  
at Nagercoil.

To  
Thiru. J.R. Julius,  
No. 4A1, St. Antony Street,  
Thalavaipuram,  
Nagercoil - 629004.

**E1/8882/14, dated: 23.09.2014**

Sir,

Sub : Inclusion of the name of Private Practising Engineer class IA in Kanniyakumari District - informed - Regarding.

Ref : 1. Your application dated: 05.03.14  
2. Engineer-in-Chief(Buildings), Chief Engineer(Buildings) Chennai Region, Chief Engineer(Gen) PWD, Chennai Letter No.AEE/T1/AE III/31520/14, dated 11.07.14

It is here by informed that your name has been included in the panel of Private Practising Engineer under class IA (one-A) Category (Buildings, the cost of which exceeds Rupees 50 Lakhs) in Kanniyakumari District as per Engineer-in-Chief(Buildings), Chief Engineer(Buildings) Chennai Region, Chief Engineer(Gen) PWD, Chennai letter in the vide reference 2<sup>nd</sup> cited.

Sd/- S.Ramachandran,  
For Collector,  
Special Deputy Collector (SSI)

// True copy // by order //

  
Head Assistant (S)