

STABILITY CERTIFICATE

NAME OF THE SCHOOL : PON VIDYASHRAM SCHOOL

ADDRESS : Max Worth Nagar, Phase- II,
Mugalivakkam, Kolapakkam, Chennai - 600 128.

ASSESED AS ON : 21.06.2022

PREPARED BY : V. SUNDARARAJULU

Class I - A Engineer,
Approved by Collector of Chennai.
146, (old no.410, TVS Avenue, Anna Nagar West
Extn., Chennai - 101, Mob.:9840622035
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S. CATHERIN REBACCA, M.A., M.Ed., M.Phil
PRINCIPAL
PON VIDYASHRAM
(Affiliated to CBSE New Delhi)
No.87, Max Worth Nagar, Phase II, Kola
Mugalivakkam, Chennai - 600 128

Dr. V. Sundararajulu, Ph.D.,
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FIV, FIS, FICA, FICI, FIGS, FACCE, MASCE (USA)
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Dt: 21.06.2022


FORM - A

1. Door Number of Building : Pon Vidyashram School, Survey
No.87(Part), Kolappakkam Village
2. Location (St.No.Ward No.
of the place i.e.
(Corporation/Municipality
/Panchayat/Township/
Contonment). : Pon Vidyashram School (CBSE)
Max Worth Nagar, Phase-II,
Mugalivakkam, Kolapakkam,
Chennai-600 128, Survey No.87/1A2
Alandur Taluk, Kancheepuram
District.,
3. Year of Construction : 2007
4. Approximate cost of
construction as per
current value : Rs. 8,98,67,000/-
a) Plinth area : GF : 16559 Sft
FF : 16559 Sft
SF : 16559 Sft
TF : 16559 Sft
HR : 332 Sft
Total Built-up Area: 66568 Sft
b) Carpet area : 53254 sft
5. Purpose for which the
Building is being used : School Building
or proposed to be used
6. Purpose for which the
building is further to
be used : School Building


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7. Details of construction : Soil : Sand mixed with Stiff clay
of the building particular
of the foundation soil,
specification of the
various parts under
- a. Foundation : Isolated RCC footings.
- b. Basement : Brick masonry in Cement mortar.
- c. Superstructure : RCC framed structure with brick
masonry walls in cement mortar.
- d. Floor and Roof : Tile Flooring and RCC Roof
8. Period for which license : From 10.06.2022 to 09.06.2025
is required (3 Years)
9. Number of Persons to be : Teaching Staff : 80 Nos.
Accommodated Non Teaching Staff : 35 Nos.
Students : 2000 Nos.
(As reported by the School
Management)


Signature of the owner
of the building


Signature of the Engineer

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Date : 21.06.2022

FORM - B

STATEMENT TO ACCOMPANY THE CERTIFICATE OF STRUCTURAL SOUNDNESS

Location of the building (1)	Age of the building (2)	No of floors (3)	Value of the building (Rs) (4)	Short description of the structure (5)
PON VIDYASHRAM SCHOOL (CBSE), Max Worth Nagar, Phase II, Mugaliyakkam, Kolapakkam, CH - 600128 Alandur Taluk, Kancheepuram (Dist).	15 years	G + 3	8,98,67,000	The "L" shaped RCC framed structure building which has been constructed as a continuous block in different periods starting from 2007. This building has one wing facing east and other wing facing south.
Purpose of the building (6)	The period for which the building will be structurally sound (7)	Number of Persons to be Accommodated (8)		Remarks (9)
School Building	3 years 10.06.2022 to 09.06.2025	Teaching Staff: 80 Nos Non Teaching Staff: 35 Nos Students : 2000 Nos		The Building is Structurally sound.

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Signature of the Engineer

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Mugaliyakkam, Chennai - 600 1

Certified that no thatched buildings are used for conducting any classes in this school premises. If any thatched building's are constructed after the issue of this license we are held responsible for any fire accident that occurs later and that I/We are aware that our license will be cancelled.


Signature of the owner


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21.06.2022

FORM - C

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.

1. Certify that I have inspected the building mentioned in the statement and furnish below the salient technical features:

1. **FOUNDATION :**

- I. Depth below Ground level : 1.83 Mts.
- II. Nature of soil set out in the foundation level : Sandy Mixed Stiff Clay.
- III. Pressure at Foundation : 155 KN/Sqm
- IV. Probable safe bearing Capacity of the Strata met with foundation. : 200 KN/Sqm

2. **SUPERSTRUCTURE :**


Maximum Compressive stress in : 5 kg/sq.cm
the most Critical Section of masonry

Permissible maximum compressive : 7 kg/sq.cm
stress in Masonry (BW in CM 1:6, 20cm thick), for (the crushing strength of 80kg/cm²) as per Table 4 of IS 1905


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II) Maximum Compressive stress in the most :
Critical Section of concrete for M25 Grade

- a) Bending : 6 N/mm² (60 kg/cm²)
b) Direct : 4 N/mm² (40 kg/cm²)

III) Maximum Permissible compressive stress :
for concrete M25 Grade as per Table 21 of
IS 456-2000

- a) Bending : 8.5 N/mm² (85 kg/cm²)
b) Direct : 6 N/mm² (60 kg/cm²)


I certify that the structural soundness of the building has been verified by me with reference to ISI loading standards 875 (latest) and other relevant Indian standards code of practice and I declare that the building will be structurally sound to be used as a public Building for the purpose noted in the statement. License may be granted for the period from 10.06.2022 to 09.06.2025

(Three years)



Signature of the Engineer

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Mugaliyakkam, Chennai - 600 128.

DECLARATION

I, Dr. V. SUNDARARAJULU, Govt. Class I - A Engineer, Approved by Collector of Chennai, residing at 410, TVS Avenue, 40th Street, First floor, Anna Nagar Western Extension, Chennai - 600 101, do hereby declare that I possess the qualification and experience specified in the Table to Rule 11 of the Madras Public Buildings (Licensing Rule 1966) for issuing the certificate of structural soundness of the building covered by the certificate.

Collector of Chennai approved letter no. V2-58429-96 dt. 08.07.97 notified in the Chennai Gazette No.5, dt. 03.09.1997 for the purpose of issue of Certificate of Soundness.



Signature of the Engineer

Station : Chennai-101
Date : 21.06.2022

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BUILDING VIEW



CLASS ROOM VIEW

Building Name : PON VIDYASHRAM SCHOOL

Property Address : MAX WORTH NAGAR, PHASE II,
MUGALIVAKKAM, KOLPAKKAM,
CHENNAI - 600 128.

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STATEMENT ACCOMPANYING FORM - E

Form of report to be made to the Competent Authority by inspecting authorities or officers appointed under section 28 of the Madras Public building (Licensing) Act 1965 (Madras Act 13 of 1965 referred to rule 7 of the Madras Public Building (Licensing) Rule 1966

Sl. No.	Location of the building Door No. Street Name & Name of the locality of the building inspected (Door No., Name of place, Municipality, Panchayat or Panchayat Union Township, Cantonment	Date of Inspection	Purpose for which building is uses	Nature of defects noticed	Suggestion for rectifying the defect	If in a dangerous condition step, recommender to be taken
	1	2	3	4	5	6
1	PON VIDYASHRAM SCHOOL (CBSE), Max Worth Nagar, Phase II, Mugalivakkam, Kolapakkam, CHENNAI-600128, Alandur Taluk, Kanchepuram (Dist).	21.06.2022	School Building	Nil	Nil	Nil

Place : Chennai - 600 101

Date : 21.06.2022



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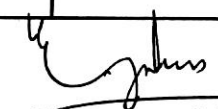
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Dt. 21.06.2022

CALCULATION SHEET

- 1 Total Area of the Building : 66,568 sft
- 2 Present Construction Cost of the Buildings : Rs.1800 / sft
- 3 Depreciation is considered the salvage value of 10% : 1.667% per year
(For 60 Years life for RCC Buildings)
10% debris cost will be there even after 60 years
So, 60 Year / 100% = 1.66% per Year
- 4 For 15 Years Depreciation is : 25%
- 5 Present Depreciation Value of the Building : Rs.1800 x 66,568 x (100 - 25)/100
= 1800*66,568*(75/100)
= Rs.8,98,67,000/-


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