

Valid upto: 24.6.2025

STABILITY CERTIFICATE

NAME OF THE SCHOOL : **APEX PON VIDYASHRAM CBSE SCHOOL**

ADDRESS : No.42, Thirugnana Sambandhar Street,
Srinivasa Nagar, Madipakkam Main Road,
Pallikaranai Village, Chennai - 600 091.

ASSESED AS ON : 28.04.2022

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
E - mail : vsachennai65@gmail.com

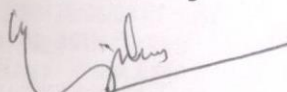
Dr. V. Sundararajulu, Ph.D.,
B.E.(Civil) M.E. (Struct) C.Eng., P.Eng., FIE,
FIV, FIS, FICI, FIGS, FACCE, MASCE (USA)
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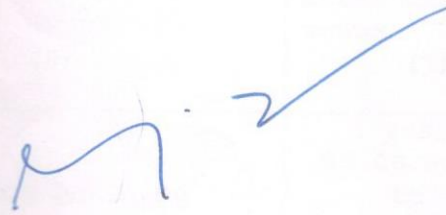
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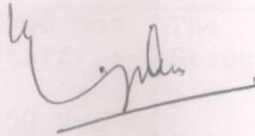
FORM - A

1. Door Number of Building : **APEX PON VIDYASHRAM (CBSE) SCHOOL**
2. Location (St.No.Ward No. of the place i.e. (Corporation/Municipality /Panchayat/Township/ Contonment). : Survey No.663/3A1A & 663/3A2 Thirugnana Sambanthar street, Srinivasa Nagar, Madipakkam Main Road, Pallikaranai Village, Chennai- 600 091, Sholinganallur (Taluk) Kancheepuram (District)
3. Year of Construction : **2010** and in Subsequent Years
4. Approximate cost of construction as per current value : Rs. 6,69,79,000/-
- a) Plinth area : GF : 10492.60 Sft
FF : 10492.60 Sft
SF : 10492.60 Sft
TF : 10492.60 Sft
HR : 314.00 Sft
- Total Built-up Area: 42284.40 Sft**
- b) Carpet area : 33828 sft
5. Purpose for which the Building is being used or proposed to be used : School Building
6. Purpose for which the building is further to be used : Educational purpose for running School


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Chennai - 600 101. PH : 044-2354-4498

7. Details of construction of the building particular Foundation soil, specification of the various parts under : Blackish clay up to 6.50m depth and 6.5m to 10.0m Greenish silty sand poorly graded sand - silt mixtures
- a. Foundation : Pile Foundation.
- b. Basement : Brick masonry in Cement mortar.
- c. Superstructure : RCC framed structure with brick masonry walls in cement mortar.
- d. Floor and Roof : Cement & **Tile** Flooring with R.C.C Roof.
8. Period for which license is required : From **25.06.2022 to 24.06.2025** (3 Years)
9. Number of Persons to be accommodated : Teaching Staff : 60 Nos
Non Teaching Staff : 35 Nos
Students : 1500 Nos
(As reported by the School Management)


Signature of the owner
of the building


Signature of the Engineer

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Date : 28.04.2022

FORM - B

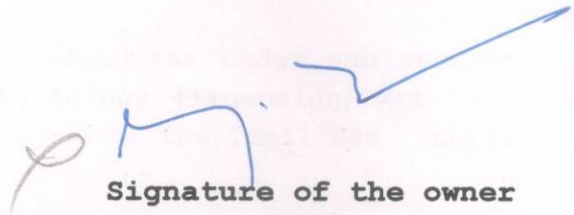
STATEMENT TO ACCOMPANY THE CERTIFICATE OF STRUCTURAL SOUNDNESS

| 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) |
|---|---|--|-----------------------------------|--|
| Apex PON VIDYASHRAM SCHOOL (CBSE), THIRUGNANA SAMBANDHAR STREET, SRINIVASA NAGAR, MADIPAKKAM MAIN ROAD, PALLIKARANAI VILLAGE, CHENNAI - 600 091 | 12 years | G + 3 | 6,69,79,000 | The RCC Frame structure building i having (G+3) Floors The construction ha been carried out i different period starting from 2010 This building i facing East. |
| Purpose of the building (6) | The period for which the building will be structurally sound (7) | No of students to be Accommodated (8) | Remarks (9) | |
| School Building | 3 years 25.06.2022 to 24.06.2025 | Teaching Staff:60 Nos Non Teaching Staff : 25 Nos Students : 1350 Nos | The Building i Structurally sound | |

Signature of the Engineer

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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.

A handwritten signature in blue ink, consisting of a stylized 'P' followed by a series of connected loops and a long, sweeping upward stroke.

Signature of the owner

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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 : 10 Meters (From Exg.GL)
- II. Nature of soil set out in the foundation level : Blackish clay up to 6.50m depth and 6.5m to 10.0m Greenish silty sand poorly graded sand.
- III. Pressure at Foundation : The Piles are Friction cum Bearing Pile
- IV. Probable safe bearing Capacity of the Strata met with foundation. : Each Pile Capacity 335 KN


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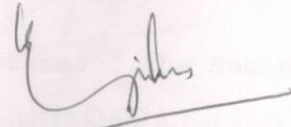
2. **SUPERSTRUCTURE :**

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

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

II) Maximum Compressive stress in the most
Critical Section of concrete for M 25 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)

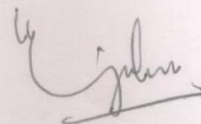


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I certify that the structural soundness of the building has been verified by me with reference to ISI loading standards 875 (latest version) and other relevant Indian standards code of practice. I declare that the building will be structurally sound to be used as a public Building for the purpose noted in the statement. License may be granted for the period from **25.06.2022 to 24.06.2025**

(Three years)

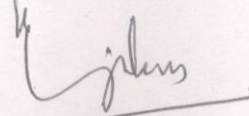


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DECLARATION

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 : 28.04.2022

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4458



BUILDING VIEW



CLASS ROOM VIEW

Building Name : APEX PON VIDYASHRAM (CBSE) SCHOOL

Property Address : No. 42, THIRUGNANA SAMBANDHAR STREET,
SRINIVASA NAGAR, MADIPAKKAM MAIN ROAD,
PALLIKARANAI VILLAGE, CHENNAI - 600 091.

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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 | APEX PON VIDYASHRAM (CBSE) SCHOOL, No.42, THIRUGNANA SAMBANDHAR STREET, SRINIVASA NAGAR, MADIPAKKAM MAIN ROAD, PALLIKARANAI VILLAGE, CHENNAI – 600 091. | 28.04.2022 | School Building | Nil | Nil | Nil |

Place : Chennai - 600 101

Date : 28.04.2022


Signature of Engineer

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Dt.28.04.2022

CALCULATION SHEET

- 1 Total Area of the Building : 42,284.40 sft
- 2 Present Construction Cost for Hall Type Buildings : Rs.1800 / sft
- 3 Depreciation is considered the salvage value of 10% : 1% per year
(For 60 Years life for RCC Buildings)
10% debris cost will be there even after 60 years
So, 60 Year / 60% = 1% per Year
- 4 For 12 Years Depreciation is : 12%
- 5 Present Depreciation Value of the Building :
 $Rs.1800 \times 42,284.40 \times (100 - 12)/100$
 $= 1800 \times 42,284.40 \times (88/100)$
 $= \mathbf{Rs.6,69,79,000}$


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