

# **STRUCTURAL STABILITY REPORT**

## **SRI SATHYA SAI VIDYA VIHAR**

No.101,KCP Road,Thiruvottiyur,  
Chennai-600 019.

Reported By

**V.EZHILARASAN, ME, M.S(Valu),**  
Govt. approved Valuer, Chartered Engineer  
Panel Engineer-Class-I, Registered Engineer  
CMDA, GOC and DTCP and Competent person  
For issuing stability certificates for Factories  
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**V. EZHILARASAN**, M.E., M.S. (Val.)

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**EZHIL ENTERPRISES**  
ENGINEER & BUILDERS

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■ CHARTERED ENGINEER ■ GOVT. APPROVED VALUER ■ PANEL ENGINEER ■ REGISTERED ENGINEER ■ STABILITY CERTIFICATES  
■ APPROVAL DRAWINGS ■ BUILDING PLAN ■ ELEVATION ■ VALUATION ■ ESTIMATE ■ CONSTRUCTION

**ANNEXURE TO STATEMENT ACCOMPANYING FORM – 'A'**

I have inspected the school Premises buildings of **SRI SATHYA SAI VIDYA VIHAR**, No.101, KCP Road, Thiruvottiyur, Chennai-600 019. This certificate covers the above mentioned building only and does not include any other Buildings / Blocks or Structures either in Ground and Three upper Floors or in any other floors etc. I hereby advise that the periodical Repairs and Renovations shall be carried out to the Entire Building Block regularly. Further Necessary fire fighting equipments should be kept in the premises and should be trained for operation. No structures with inflammable roof must be allowed within the premises, if any fire accident / Mishap occur we are not held responsible. Emergency exit to be provided as per norms. Structural Alteration/Deviation should not be carried out to any of the blocks for Whole Building or any Part of Building without prior permission from the Competent Authority. All Electrical points, wiring Gadgets has to be checked properly and to be maintained regularly. Periodic water proofing treatment is to be done as per standards. This Report does not cover any Structure / Partly completed Structure or building under construction. Any Further additional construction either in G.F or in any other Floors / Blocks the necessary approvals / structural design / stability has to be subsequently obtained. All Electrical Panel Boards / Main Switches / cables/ Generator/ Electrical Maintenance Room has to be keep in safety with lock & key position. Access to open terraces to be kept in Lock & Key Position. The UG sump, Manholes OHT, Inspection Chamber or other Openings as to be Sealed with cover slab, if any above mentioned Aspects were found violated at a later date after issue of this Report / License we are not held responsible and this Report gets cancelled. Legal Aspects were not considered in this report.

Place: Chennai-101

Date: 20-03-2020

  
V. EZHILARASAN M.E., M.S. (Val.)  
Govt. Approved Valuer, Chartered Engineer  
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### STATEMENT ACCOMPANYING FORM-A

1.	Door Number of the building.	:	<b>SRI SATHYA SAI VIDYA VIHAR</b>
2.	Location (Street No. Ward No. Name of the place Corporation/ Municipality / Panchayat Union / Township /Cantonment.	:	No.101,KCP Road, Thiruvottiyur, Chennai-600 019
3.	Year of Constructions	:	2016-GF,2017-FF,2020-SF and TF
4.	Approximate cost of construction	:	Rs.36 Lakhs
5.	Purpose for which building is being used or proposed to be used	:	Educational purpose
6.	Purpose for which the building has hither to been used.	:	School
7.	Details of construction of the building particulars of the foundation, soil specification of the various parts as under	:	Details below
(a)	Foundation	:	Open foundation Brick in Cement motor
(b)	Basement	:	Bricks work in C.M.
(c)	Superstructure (are to be given)	:	RCC Roof
(d)	Floor and Roof (are to be given)	:	Tiles Flooring
8.	Period for which the license is required	:	01.06.2019 to 31.05.2022
9.	Number of the persons to be accommodate	:	1200 Members

Signature of the owner of the Building

  
**V. EZHIL ARASAN (Engineer/Val.)**  
Signature of the Engineer/Val.  
Govt. Approved Valuer, Chartered Engineer  
Registered Engineer in CMDA, GCC & DTCP  
Private Practicing Engineer, Chennai District,  
Competent Person for issuing Stability Certificate  
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## FORM – B

### STATEMENT OF ACCOMPANY THE CERTIFICATE OF STRUCTURAL SOUNDNESS

Location of the Building Door No. Street Name & name of the place	Age of the building	Value of the building	No. of story's	Shorts description of structure RCC framed, or load bearing masonry
(1)	(2)	(3)	(4)	(5)
No.101,KCP Road, Thiruvottiyur, Chennai-600 019	GF & FF -4 Years and SF and TF- New construction	Rs.36 Lakhs	GF, FF,SF and TF	Ground and First Floor building with framed structure, Tiles flooring
Purpose for which the building its certified for use	The period for which the building will be structurally sound	No. of persons to be accommodated		Remarks
(6)	(7)	(8)		(9)
Educational purpose	01.06.2019 to 31.05.2022 (Three Years)	1200 Persons		Building Structurally sound.

  
Signature of the Engineer  
V.EZHILARASAN M.E., M.S.(Val.)  
Govt. Approved Valuer, Chartered Engineer  
Registered Engineer in CMDA, GCC & DTCP  
Private Practicing Engineer, Chennai District,  
Competent Person for issuing Stability Certificate  
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## FORM – C

**FORM OF CERTIFICATE OF STRUCTURAL SOUNDNESS UNDER SUB-SECTION (4) OF SECTION 4 OF THE TAMILNADU PUBLIC BUILDINGS (LICENSING) ACT 1965 (TAMILNADU ACT 13 OF 1965) REFERRED TO IN RULE 4 OF THE TAMIL NADU PUBLIC BUILDINGS (LICENSING) RULES 1966.**

I certify that I have inspected the building mentioned in the statement and furnished below its salient technical features.

- |   |   |   |
|---|---|---|
| 1. Foundation   | : |   |
| (I) Depth below ground level  | : | 1.80 m  |
| (ii) Nature of the soil out in the foundation level                         | : | Sandy Soil  |
| (iii) Pressure at foundation  | : | 92 KN/M <sup>2</sup>  |
| (iv) Probable safe bearing capacity of the strata met with at foundation.   | : | 200 KN/M <sup>2</sup>   |
| 2. Superstructure   | : |   |
| (I) Maximum stress in the most critical section of the masonry and concrete | : | MASONRY :-2.10 N/MM <sup>2</sup><br>RCC Column :-9.80 N/MM <sup>2</sup>   |
| (ii) Nature of masonry and concrete and its safe permissible stress         | : | MASONRY :- 5.10 N/MM <sup>2</sup><br>RCC Column :-25.00 N/MM <sup>2</sup> |

The structural soundness of the building has been verified by me with reference to ISI loading standards 895 (latest version) and other relevant Indian Standard Code of practices and I declare that the building is structurally sound to be used as educational for the purpose noted in the statement. A license may be granted for a period from 01.06.2019 to 31.05.2022 (Three years) inclusive.

  
V. EZHILARASU, Signature of the Engineer  
Govt. Approved Valuer, Chartered Engineer  
Registered Engineer in CMDA, GCC & DTCP  
Private Practicing Engineer, Chennai District,  
Competent Person for issuing Stability Certificate  
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## FORM E

Form of report to be made to the competent authority by inspecting authorities or officers appointed under other act under section 25 of the (Madras Public Buildings) Act 1965 (MADRAS Act 13 of 1965) referred to in Rule 7 of the madras Public Buildings Licensing rule 1966.

1. Name and Designation of inspecting : V.Ezhilarasan  
Authority or officer appointed or having B.E,AMIE,AIV,M.Sc(Valuation),  
jurisdiction under any other Act or law Shop No.19,TNHB Shopping  
complex,Thirumangalam,  
Annanagar West Ext-600 101.
2. Location of the building inspected Door : No.101,KCP Road,  
Thiruvottiyur,  
No. Street No., Name of the place/i.e. Chennai-600 019  
Municipal,Corporation,Municipality/  
TownPanchayat/Panchayat  
Union/Cantonment.
3. Date of Inspection : 20.03.2020
4. Purpose for which the Building is used : Educational purpose
5. Nature of Defects Noticed : Nil (Maintained Properly)
6. Suggestion for rectifying defects : Nil
7. If in dangerous condition immediate : Periodical repairs and renovations  
action recommended be taken shall be carried out to the above  
mentioned building.

  
V.EZHILARASAN M.E., M.S.(Val.)  
Govt. Approved Valuer, Chartered Engineer  
Registered Engineer in CMGA, GCC & DTCP  
Private Practicing Engineer, Chennai District,  
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**Tamil Nadu Public Building (Licensing) Act 1965 - Inclusion of Thiru V. Ezhilarasan, in the panel of Private Practicing Engineers under Class-I to Class IA category in Chennai District.**

(Lr. No. V2/27806/2014, dated: 27-11-2017)

**Proceedings No. V2/27806/14, Dated: 12.4.2017**

Inclusion of certain person in the Approved Panel List of Private Practicing Engineers under Class I of Chennai District for the Purpose of issuing certificate of Structural Soundness of the Public Buildings.

The Engineer-in-Chief (Buildings), Chief Engineer (Buildings) Chennai Region Chief Engineer (General) Public Works Department, Chennai-5 in his letter No.AEE/TI/AE/20253/2015, dated:27.01.2017 has informed that after elaborate deliberations the Board of Engineers in its 517<sup>th</sup> meeting resolved and approved the name of Thiru.V.Ezhilarasan, (D.O.B:25.05.1968), residing at No.19&20 TNHB Shopping Complex, Thirumangalam, Anna Nagar, West Extension, Chennai-600 101 for inclusion and registering in the panel of Private Practicing Engineer under Class-1 (One ) (Buildings, the cost of which exceeds Rs.20 Lakhs but not exceeds Rs.50 Lakhs as per G.O. Ms. No. 43, Municipal Administration and Water Supply (MA4) Department, dated:17.2. 2011) in Chennai District.

Based on the resolution of the Board of Engineers the name of Thiru.V.Ezhilarasan, (D.O.B:25.5.1968), residing at No.19&20 TNHB Shopping Complex, Thirumangalam, Anna Nagar West Extension, Chennai-101 is ordered to be included and registered in the panel of Private Practicing Engineer under Class -1 (One ) (Buildings, the cost of which exceeds Rs.20 lakhs but not exceeding Rs.50 Lakhs) in Chennai District.

Chennai,  
27th November 2017.

**V. ANBUSELVAN,**  
District Collector.

**VEZHILARASAN M E. M S (Val.)**  
Govt. Approved Valuer / Chartered Engineer  
Registered Engineer - DTCP  
Private Practicing Engineer - District  
Competent Person for issuing Certificate  
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