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METIS structures

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FORM - A

STABILITY CERTIFICATE

FOR RESIDENTIAL APARTMENTS, SARAVANAMPATTI.

Location (Street Number, Ward Municipality/ Panchayat Union / Township Cantonment)	: Ward no -26 Z, Block 04 TS NO 3/14 Vilankurichi Village, Coimbatore - 641004 Coimbatore city Municipal Corporation
1. Year of Construction	: **Proposed 2024-2025**
2. Cost of construction (structure only) as per current rate	: **Rs. 3,73,01,402/-**
3. Purpose for which the building being used or proposed to be used	: **Residential apartments.**
4. Purpose for which building has either to	: **Residential apartments**

5. Details of construction of the building

(Particulars of the foundation soil,

Specification of various parts under)

1.	Foundation	: **RCC Isolated / Strip Footing**
2.	Super Structure	: **Load bearing walls**
3.	Roof Covering	: **RCC Roof slab**

6. Structural specifications:

A) Framed structure with reinforced

1)	Maximum unsupported length of column	: **4.5 m to 6.0 m**
2)	Minimum size of the column	: **0.3m * 0.45 m**

B) Design load on the structure

1)	Live load at floor level	: **2 kN/ Sq.m**

For TNCD LLP

Designated Partner

S. ARUN KUMAR, ME., (Struct.)
CBE Rgn./SE/Gr-I/2019/07/006
METIS STRUCTURES
9,9-1,Lakshmi Garden, Sankara College Road,
Saravanampatti, Coimbatore - 35.
GSTIN : 33AAXFM9597P1ZT

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2) Live load at Terrace level : **1.5 kN/ Sq.m**

3) Live load for stair and corridor : **3 kN/ Sq.m**

C) Dead loads assumed other than self weight

1) For Floor finishes : **1.2 kN/ Sq.m**

2) For partitions : **1.0 kN/ Sq.m**

3) For terrace finish : **1.0 kN/ Sq.m**

D) Wind pressure

Basic wind speed : **39 m / sec**

Category : **I**

Type : **II**

E) Seismic particular : **Zone III**

F) Number of Storey : **Stilt + 5**

G) Area Details (In sqm)

Stilt Floor	: **635.99**
First Floor	: **574.91**
Second Floor	: **574.91**
Third Floor	: **574.91**
Fourth Floor	: **574.91**
Fifth Floor	: **574.91**
Total	: **3536.07 Sqm BUA**

For TNCD LLP

Designated Partner

APPLICANT

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ENGINEER

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FORM "B"

(Form of certificate of structural soundness under sub section (4) of section 4 of the Madras Public Building (Licensing) act 1965 (Madras Act 13 of 1965) referred as in rule 4 of the Madras Public Buildings (Licensing) rules 1965).

STATEMENT TO ACCOMPANY THE CERTIFICATE OF STRUCTURAL SOUNDNESS

Location of the building (Door number, Street Number and name of place	Age of the building	Purpose for which the building can be used
(1)	(2)	(3)
Ward no -26 Z, Block 04, ., TS NO 3/14 Vilankurichi Village, Coimbatore - 641004	New	Residence Single block Stilt+5 floors

Date: 12-03-2024

Signature of the Engineer

For TNCD LLP

Designated Partner

S. ARUN KUMAR, ME., (Struct.)
CBE Rgn./SE/Gr-I/2019/07/006
METIS STRUCTURES
9,9-1,Lakshmi Garden, Sankara Collage Road,
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GSTIN : 33AAXFM9597P1ZT

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STATEMENT TO ACCOMPANY THE CERTIFICATE OF STRUCTURAL SOUNDNESS

Location (Street Number, Ward Municipality/ Panchayat Union / Township Cantonment)	: Ward no -26 Z, Block 04 TS NO 3/14 Vilankurichi Village,

1. Life of building : **100 Years**

2. Purpose for which the building will be Structurally sound : **Residential Building**

3. . Period for which the building structurally Sound : **100 Years**

Structural design calculation are verified to standards and we confirm the structure proposed is safe and sound.

Place: Coimbatore

Date: 12-03-2024

For TNCD LLP

Designated Partner

APPLICANT

S. ARUN KUMAR, ME., (Struct.)
CBE Rgn /SE/Gr-I/2019/07/006
METIS STRUCTURES
9,9-1 Lakshmi Garden, Sankara College Road
Saravanampatti, Coimbatore - 35
GSTIN 33AAXFM6567P1ZT

ENGINEER

METIS structures

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FORM – C

(Form of Certificate of structural soundness under sub – section (4) of section 4 of the Tamil Nadu public building (licensing) Act, 1965. (Tamil Nadu Act, 12 of 1965) referred to in rule 4 of the Tamil Nadu Public building (Licensing) Rule 1966)

1. Foundation

i. Depth below ground level : **3.4 m Depth from NGL**

ii. Nature of soil met with at Foundation level : **Soft disintegrated rock**

iii. Probable safe bearing capacity of the strata met with at foundation : **350 kN.**

iv. Pressure at foundation : **175 kN/m²**

2. Superstructure

I. Maximum stress in the most Critical section of masonry and Concrete : **0.4 X 20= 8 MPa**

II. Nature of masonry and concrete : **Brickwork in cm 1:6 – 0.35 N/ mm**

III. Its safe permissible stress **RCC M 20 mix – 2.8 N/ mm²**

This is stated that the building will be designed to take seismic forces and other loads as the relevant Indian Standard Codes.

Structural design calculation are verified to standards and we confirm the structure proposed is safe and sound.

For TNCD LLP

Designated Partner

APPLICANT

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DECLARATION

I, **Mr.Arun Kumar.S ,** Hereby declare that I possess the qualification and experience specified in G.O. (Ms.No.484, Education, dated 24.4.91. As amended in G.O. (Ms.) No.349, Education dated 31.01.1993 for issuing the certificate of structural soundness of the building covered by the certificate C.

Station : Coimbatore
Date : 12/03/2024

Signature of the certifying Engineer

i). Name and Address (in block letters)

Er. S. Arun Kumar,
Metis Structures, 9, 9-1, Lakshmi Garden,Sankara College Road, Saravanampatti, Coimbatore-641 035.

ii). Engineering Qualification — **M.E**

iii) Number of years of experience and nature thereof — **20 years.**

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Property Documentation & Workflow Tools

Forms & Templates, Document Generator, Document Translation, Dictionary

Vastu & Property Management Tools

Home Vastu Shastra, Plot Vastu Shastra, Property Management

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