

FOURTH DIMENSION



FOURTH DIMENSION

STABILITY CERTIFICATE

Name of the Applicant: Nehru International School

CIVIL, STRUCTURAL & PROJECT MANAGEMENT CONSULTANTS

GOVT. OF INDIA REGISTERED VALUERS

STRUCTURAL STABILITY CERTIFICATIONS

CHARTERED ENGINEERS

92, Hudco colony, Tatabad, Coimbatore-641012. Mobile: +91 9688 9999 29, INFO @4THD.IN,

WWW.4THD.IN



- REGISTERED VALUER
- CLASS 1A PANEL ENGINEER OF COLLECTORATE
- COMPETENT PERSON OF CHIEF INSPECTOR OF FACTORIES
- REGISTERED STRUCTURAL ENGINEER GRADE-I
- REGISTERED ENGINEER GRADE-I
- REGISTERED CONSTRUCTION ENGINEER
- REGISTERED DEVELOPER
- CHARTERED ENGINEER
- LICENCED BUILDING SURVEYOR

DECLARATION

I, **Er.S.SABARISHKUMAR.** M.E., (Struct)., AIV., MIE., C.Engg., FOURTH DIMENSION, 92,Hudco Colony, Tatabad, Coimbatore-641 012, hereby declare that I possess the qualification and experience specified in the table to Rule II of the Tamil Nadu Public Buildings (Licensing) Rules 1966 for issuing the certificates of Structural soundness of the building covered by the certificate.

1. Name and Address : S.SABARISHKUMAR. M.E.,(Struct)., AIV., MIE., C.Engg.,
FOURTH DIMENSION,
92, Hudco Colony, Tatabad,
Coimbatore-641 012.
2. Engineering Qualification : B.E. [Civil Engineering]
M.E[Structural Engineer]
3. Registration Engineer App. No : BOE / 532 – 4 (e) / 2020 Dated 29.01.2020
R. Dis. No. 10611/ 2018/C2 dated 09.11.2020,
Class 1A,SI.No.19/2020
4. No. of years of experience : 13 Years
& nature there of Chartered Civil Engineer
& Approved Valuer

Date : 28.11.2022

Signature of the owner of the building


COLLECTOR'S PANEL ENGINEER

Board of Engineers Proceedings No.
BOE / 532 – 4 (e) / 2020 Dated 29.01.2020.
PWD, Chepauk, Chennai.Govt. of Tamil Nadu.
R. Dis. No. 10611/ 2018/C2 dated 09.11.2020 Class 1A,SI.No.19/2020

FORM - A

(Form of application under sub-section (1) / sub-section (2) of section 4 of the Tamil Nadu Public Buildings (Licensing) Act, 1965 (Tamil Nadu Act 13 of 1965) referred to in the rule 3 of the Tamil Nadu Public Buildings (Licensing) Rules, 1966)

From

Nehru International School.,
"Jawahar Gardens"
Thirumalaiyampalayam Post,
Kaliyapuram,
Coimbatore-641 105

To


The Tahsildar,
Madukkarai Taluk,
Coimbatore District.

Sir,

I intend / to use the building / to continue to use the existing building not at present used as public building / which is situated in S.F.No:331/1 & 331/2A, Kaliyapuram Village & Madukkarai Taluk & Coimbatore District and specified in the statement enclosed, as a public building for a period of Three years and months from the period 09.12.2022 to 08.12.2025 (Three Years)

1. The year of construction and present approximate cost of construction and the purpose for which it is to be used or is being used as public building are also furnished in the statement accompanying this application.
2. I enclose a challan for Rs. 1000/-
3. I also enclose a certificate of structural soundness from Engineer.

Date : 17.11.2022


Signature of the owner of the building.

Enclosures :

1. Statement
2. Challan for Rs. 1000/- towards the application fee.
3. Certificate of structural soundness.

STATEMENT ACCOMPANYING FORM – A

1. Name of the Applicant : **M/s. NEHRU INTERNATIONAL SCHOOL.,**
2. Location, Street No., Ward No : S.F.No:331/1 & 331/2A,
Name of Place, [ie., Corporation/
Municipality/Panchayat/ Panchayat Union/ : Kaliyapuram Village,
Madukkarai Taluk &
Coimbatore District
3. Year of Construction : 2018 & 2020
4. Area of the construction

Ground floor Constructed in 2018	:	29,267.00 Sq.ft.
First floor Constructed in 2020	:	29,267.00 Sq.ft.
Second floor Constructed in 2020	:	29,267.00 Sq.ft.
Total	:	87801.00 Sq.ft
5. Approximate cost of construction as per Current rates. : Rs.9.00 Crores
6. Purpose for which the building is being used or proposed to be used. : School Purpose.
7. Purpose for which the building has either too been used : School Purpose.
8. Details of Construction of the building:
[Particulars of the foundation, soil Specification of the various parts]

a. Foundation	:	P.C.C.1:4:8 Mix for foundation Concrete R.C.C. for Column footing
b. Basement	:	Brick work with C.M over R.C.C Plinth
c. Super Structure in CM Beams. All round wall is constructed in	:	Framed Structure-R.C.C for Columns & B.W. Masonry with C.M & coats of White Cement
d. Floor	:	Granite/ Vitrified Tiles & CC Floor Finish Over PCC

- e. Wall finish : CM Plastering, Putty, Color & White Wash
- f. Roof : R.C.C. Roof
- g. Joinery : Aluminum, Steel, UPVC & Country wood
9. Period for which license is required. : 09.12.2022 to 08.12.2025 (Three Years)
10. Number of persons to be Accommodated : 1000 Nos. (incl.Staffs)



COLLECTOR'S PANEL ENGINEER

Board of Engineers Proceedings No.

BOE / 532 – 4 (e) / 2020 Dated 29.01.2020.

PWD, Chepauk, Chennai.Govt. of Tamil Nadu.

R. Dis. No. 10611/ 2018/C2 dated 09.11.2020 Class 1A,SI.No.19/2020

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

Date : 28.11.2022

Signature of owner of the building

FORM – B

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 13 of 1965) referred to in the rule 4 of the Tamil Nadu Buildings (Licensing) Rules, 1966)

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

1. Foundation

- Depth below Ground Level : Upto Hard Strata
- Nature of Soil met with at foundation Level : Hard Gravel
- Pressure of foundation
- Probable safe bearing capacity of the Strata met with at foundation : 40 Tonnes per SqM

2. Super Structure

- Maximum stress in the most critical section of masonry & concrete : R.C.C 1:2:4 50.00 Kg / Cm²
B.W in C.M 12.50 M.T / Sq.ft
- Nature of masonry & concrete & its safe permissible stress : R.C.C 1:2:4 100.00 Kg / Cm²
B.W in C.M 35.00 M.T / Sq.ft

The structural soundness of the building has been verified by me with reference to I.S.I. loading standards 875 (Latest Version) and other relevant Indian Standard code of practice and I declare that building is structurally sound to be used as a Public Building for the purpose noted in the statement. A license may be granted for the period from 09.12.2022 to 08.12.2025 (Three Years)

Date : 28.11.2022

COLLECTOR'S PANEL ENGINEER

Signature of the owner of the building

Board of Engineers Proceedings No.
BOE / 532 – 4 (e) / 2020 Dated 29.01.2020.

PWD, Chepauk, Chennai. Govt. of Tamil Nadu.

R. Dis. No. 10611/ 2018/C2 dated 09.11.2020 Class 1A,SI.No.19/2020

STATEMENT ACCOMPANYING
THE CERTIFICATE OF STRUCTURAL SOUNDNESS

1. *Name of the Applicant* : **M/s. NEHRU INTERNATIONAL SCHOOL,**

Location, Street No., Ward No : S.F.No:331/1 & 331/2A,
Name of Place, [ie., Corporation/
Municipality/Panchayat/ Panchayat Union/ : Kaliyapuram Village,
Madukkarai Taluk &
Coimbatore District
2. *Age of the Building* : 4 years (Ground Floor) &
2 Years (First & Second Floor)

Year of Construction : 2018 & 2020
3. *Purpose for which the building will be Structurally Sound.* : School Purpose.
4. *Short description of Structures* : RCC Roof Framed Structure-Brick work
Plastering, Wooden/UPVC Joineries,
Tiles & Cement Flooring
5. *Purpose for which the building is Certified for use.* : School Purpose.
6. *Purpose for which the building has either too been used* : School Purpose.
7. *Period for which license is required.* : 09.12.2022 to 08.12.2025 (Three Years)
8. *Number of persons to be Accommodated* : 1000 Nos. (incl.Staffs)

Date : 28.11.2022



COLLECTOR'S PANEL ENGINEER

Board of Engineers Proceedings No.
BOE / 532 – 4 (e) / 2020 Dated 29.01.2020.

PWD, Chempauk, Chennai.Govt. of Tamil Nadu.

R. Dis. No. 10611/ 2018/C2 dated 09.11.2020 Class 1A,SI.No.19/2020

FORM C

Form of certificate of Structural Soundness under sub-section (4) of section 4 of the Tamil Nadu Public Buildings (Licensing) Rules 1966.

I certify that I have inspected the building mentioned in the statement below and I have satisfied myself that the building is structurally sound to be used as a School building for the purpose noted in the statement. The structural soundness of the building has been verified taking into account the Loading as per the latest Indian standards 875. A license may be granted for three years period from 09.12.2022 to 08.12.2025 (Three Year).

Date : 28.11.2022



COLLECTOR'S PANEL ENGINEER

Board of Engineers Proceedings No.
BOE / 532 – 4 (e) / 2020 Dated 29.01.2020.

PWD, Chepauk, Chennai. Govt. of Tamil Nadu.

R. Dis. No. 10611/ 2018/C2 dated 09.11.2020 Class 1A, SI.No.19/2020

FORM E

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 13 of 1965) referred to in the rule 4 of the Tamil Nadu Buildings (Licensing) Rules, 1966)

1. *Name and designation of inspecting authority or officer appointed or having jurisdiction under any other Act or Law* : **S.SABARISHKUMAR.**
92,Hudco Colony, Tatabad,
Coimbatore-641 012.
2. *Location, Street No., Ward No
Name of Place, [ie., Corporation/
Municipality/Panchayat/ Panchayat Union/* : *S.F.No:331/1 & 331/2A,*
Kaliyapuram Village,
Madukkarai Taluk &
Coimbatore District.
3. *Date of Inspection* : 28.11.2022
4. *Purpose for which the building is used* : School Building.
5. *Nature of defects noticed* : Nil
6. *Suggestions for rectifying defects* : Proposed School Building to be
constructed as Per code IS-875 design
standards
7. *If in a dangerous condition, immediate steps : Nil*
recommended to be taken

Conditions for existing structures:

- Any Cracks developing in the structure in the said period should be brought to the notice of the Panel Engineer
- The Structural soundness certificate shall be revoked at any time if any defects are found during the said period.
- The Panel Engineer reserves the right to inspect the building at any working hour and if found any defects the structural soundness certificate may be revoked without assigning any reasons.
- No addition or alteration should be made to the existing building or portion of the building without the prior written permission from the Collector's Panel Engineer.

- A fresh certificate should be obtained from The Collector's Panel Engineer, if any addition or alterations are made to the existing building or portion of the building.
- This certificate is applicable only for the building for which the detailed plan (Plan, Section, Elevation) has been prepared and enclosed herewith.
- The site & building maintenance is a must to maintain the structural stability. Natural calamities like earthquake, cyclones, floods, etc., were not considered for assessing stability of buildings scientifically
- This report contain 11 pages.



COLLECTOR'S PANEL ENGINEER

Signature of the owner of the building

Board of Engineers Proceedings No.
BOE / 532 – 4 (e) / 2020 Dated 29.01.2020.

PWD, Chepauk, Chennai.Govt. of Tamil Nadu.

R. Dis. No. 10611/ 2018/C2 dated 09.11.2020 Class 1A,SI.No.19/2020

Conditions for Proposed Structures (if any):

1. The drawings prepared by the Registered Architect should adhere to the latest Building Bye Laws & latest NBC & BIS rules & regulations.
2. The proposed constructions should be executed strictly as per the instructions given in the Architectural Drawings prepared & signed by the Registered Architect. Prior to the Approval of plans by the LPA / DTCP / any other Govt. agency / department the construction should not commence.
3. The Registered Structural Consultants should have prepared Structural details & drawings with necessary design calculations adhering to the latest BIS standards for the Govt. Approved Architectural Drawings. The period of construction approved should be adhered strictly incase if expired it should be renewed.
4. There should not be any difference in the layout plans of the buildings issued by both Registered Architect & Registered Structural Engineering Consultant. There should not be any deviations in the construction with respect to the drawings approved by the LPA / DTCP / any other Govt. agency / department.
5. The working drawings should be maintained at construction site without fail for verification at any time till the completion of construction & commission.
6. Each & every site construction work should be inspected, approved & certified by the Registered Architect & Registered Structural Consultant prior to the commencement regularly. This book / file of record of certifications should be maintained at site without fail. The presence of Registered Architect & Registered Structural Consultant should be registered in an attendance register which should be maintained at site till the completion of construction.
7. All the necessary drawings should have been brought to the notice of Collectors Panel Engineer prior to execution of construction by giving him a set of details & drawings finalized & approved by the Registered Architect & Registered Structural Consultant. Even the slightest change in the details & drawings should be brought to the notice of Collectors Panel Engineer by written communication. Each & every work prior to commencement should be informed & brought to the notice of Collectors Panel Engineer. The Collectors Panel Engineer should be paid with necessary conveyance allowance
8. All necessary insurance for labors should be taken & maintained without fail. Proper renewals should be done before expiry.
9. The centering & scaffolding works at site should adhere to the latest BIS standards & should be inspected, approved & certified by the Registered Structural Engineer prior to the usage.
10. Qualified & experienced Construction Engineer should be appointed by the owner of the building / the Contractor for the proper supervision & coordination for the entire period of construction. The Construction Engineer should coordinate with the entire team including Registered Architect, Registered Structural Engineer & the respective Collectors Panel Engineer for the flawless construction such that there exists no deviation in the construction with respect to the Approval plan & the corresponding Structural Plans.

11. The Collectors Panel Engineer should be invited & conveyed to the construction site at regular intervals with written communication. He should be updated in written communication with all the day to day details of work prior to the commencement, while construction & upon completion of construction at all stages of construction without fail. All the above aspects from 1 to 10 points should be properly coordinated, conveyed & brought to the notice of the Collectors Panel Engineer without fail & his signature should be obtained as a token of his approval. The convenience / availability of the Collectors Panel Engineer should be checked & conveyed to him prior to engaging him.
12. This certificate is applicable only for the building for which the detailed plan (Plan, Section, Elevation) has been prepared and enclosed herewith.
13. The site & building maintenance is a must to maintain the structural stability. Natural calamities like earthquake, cyclones, floods, etc., were not considered for assessing stability of buildings scientifically

Signature of the owner of the building



COLLECTOR'S PANEL ENGINEER

Board of Engineers Proceedings No.

BOE / 532 – 4 (e) / 2020 Dated 29.01.2020.

PWD, Chepauk, Chennai. Govt. of Tamil Nadu.

R. Dis. No. 10611/ 2018/C2 dated 09.11.2020 Class 1A, SI.No.19/2020

STATEMENT TO ACCOMPANY THE CERTIFICATE OF STRUCTURAL SOUNDNESS

Name & Location of the building, Door Number, Street and name of Place.	Age of the Building	Value of the building at the current rates	No. of Story's	Short description of structures – Steel – RCC Framed or Load Bearing Masonry	Purpose for which the building is *specified	The Period for which the building will be structurally sound	No of persons to be accommodated.	Remarks
Nehru International School., S.F.No.:331/1 & 331/2, Kaliyapuram Village "Jawahar Gardens" Thirumalaiyampalayam Post, Kaliyapuram, Coimbatore-641 105	4 Years (Ground Floor) 2 Years (First & Second Floor)	Rs.9.00 Crores	Ground, First & Second Floor	RCC Framed Structure	School Building	09.12.2022 to 08.12.2025 (3 years)	1000 Nos- Including Staffs	Structurally sound

Date : 28.11.2022

Signature of the owner of the building

COLLECTOR'S PANEL ENGINEER

Board of Engineers Proceedings No.

BOE / 532 – 4 (e) / 2020 Dated 29.01.2020.

PWD, Chepauk, Chennai. Govt. of Tamil Nadu.

R. Dis. No. 10611/ 2018/C2 dated 09.11.2020 Class 1A, SI.No.19/2020

Proceedings of the District Collector, Colmbatore.
Present : Thiru.K.Rajamani, I.A.S.,

R.Dis.10611/2018/C2

Dated:09.11.2020


Sub: Tamil Nadu Public Building Licensing act 1965 - Inclusion of the name of Er.S.Sabarishkumar in the Panel of Private Practicing Engineers under CLASS IA Category in Coimbatore District - Approval of the Board of Engineers - Orders Issued - Regarding.

- Ref: 1. Engineer-in-Chief, WRD and Chief Engineer (General), PWD, Chennai Letter.No.AEE/T1/AE-2/73635/2020, dated: 17.02.2020.
2. Board of Engineers, TNPWD, Minutes. No. BOE /532-4(e)/2020, dated.29.01.2020.

ORDER:

The Engineer-in-Chief, WRD and Chief Engineer (General), PWD, Chennai in the reference 1st cited has stated that the Board of Engineers in its 532 Meeting resolved and approved the name of Er.S.Sabarishkumar (D.O.B:11.06.1987) for inclusion and registering in the Panel of Private Practicing Engineer under Class IA Category (Buildings, the cost of which exceeds Rs.50 lakhs as per G.O.Ms.No.43, Municipal Administration & Water Supply (MA4) Department, dated.17.02.2011) in Coimbatore District.

Accordingly, the Er.S.Sabarishkumar has been included in the panel of Private Practicing Engineer under Class IA category (Buildings, the cost of which exceeds Rs.50 lakhs) in Coimbatore district and entered the name against Sl.no.19/2020 in the register of Panel of Private Practicing Engineer maintained in this office.


District Collector, 1/3
Coimbatore.

To

Er.S.Sabarishkumar,
No.13 A, Suppathal Layout 2nd Cross,
Rathinapuri,
Coimbatore-641 027.

Copy to

1. The Superintending Engineer, PWD, Buildings (C&M), Coimbatore-641001.
2. The Engineer-in-Chief, WRD and Chief Engineer(General), PWD, Chepauk, Chennai-600 005.