## STABILITY REPORT

## A.J. HIGHER SECONDARY SCHOOL (CBSE)

# R.S.NO. 102/3, T.N.PALAYAM REVENUE VILLAGE, ARIYANKUPPAM COMMUNE, PUDUCHERRY





Registered Structural Engineer (Grade–I), Competent Person for Industries, Registered Valuer, Registered Engineer & Geotechnical Consultant

**ISO 9001:2015 Certified** 

No: 1, First Floor, MGR Nagar, 1st Main Road, Oulgaret, Puducherry – 605010. Email-dmsinefra@gmail.com



# **DMS** Inefra

#### ISO 9001: 2015 CERTIFIED

Registered Structural Engineer Grade I, Competent Person & Material Testing Laboratory

Registered Office: No. 64/1, 1st Floor, Olavaikal Revenue Village, Koonerikuppam, Puducherry - 605110. Corporate Office: No 1, 1st Floor, MGR Nagar, 1st Main Road, Outgaret, Puducherry-605 010. PH: 0413 - 4056007, E-mail: dmsinefra@gmail.com

Er. Murugan Deivanayagam, M.Tech.,

### STABILITY CERTIFICATE

This is to Certify that the Structural Design of the G+3 storied **A.J.HIGHER SECONDARY SCHOOL** at R.S.No.102/3, Main Road, T.N.Palayam Revenue Village, Ariyankuppam Commune Panchayat, Puducherry have been designed on the basis of Calculations and are considered Safe in accordance with the permissible stresses and the slenderness as laid down in the National Building Code. The R.C.C Framed Structure consisting Ground Floor, First, Second & Third Floors was constructed in 2013.

I justify and certify that the Residual life of building will be **49 years**. Subjected to proper maintenance and periodic renovations of deterioration if any.

Date: 01.05.2024

Er. D. MURUGAN, M.Tech., COMPETENT PERSON, FA/CP/CIF&B/2019/22 INSPECTOR OF FACTORIES PUDUCHERRY.

Er. MURUGAN DEIVANAYAGAM, M.Tech., Registered Structural Engineer, Grade-I 3-951 / PPA / LIC / 2017 PUDUCHERRY

## STATEMENT ACCOMPANYING FORM-A

1. Door number of the building : AJ Higher Secondary School

2. Location street. number, ward number, : R. S.No 102/3 TN Palayam Revenue

name of place i.e.. Village, Ariyankuppam Commun Panchayath,

Corporation/Municipality panchayat Puducherry – 605 007.

union /township cantonment etc.

3. Approximate cost of construction : Rs. 8,34,40,000/-

4. Year of construction : 2013

5. Purpose for which the building is being : For Conducting Classes

used or proposed to be used

6. Purpose for which the building has been : LKG - XII std

Hither to used

 Details of construction of the building (Particulars of the foundations soil specification to the various parts Under)

A. Foundation : Pile Foundation upto 10 mts depth

B. Basement : Framed Structure

C. Superstructure : Brickwork in Planes of frame in C.M. 1:5

D. Floor and Roof are to be given : Tiles Flooring

E. Area of the building

Ground Floor : 14,900 Sq.ft

First Floor : 14,900 Sq.ft

Second Floor : 14,900 Sq.ft

Third floor : 14,900 Sq.ft

8. Period for which the license is required : 1.05.2024 to 30.04.2027 (3 Years ).

9. Number of persons to be accommodated : 700 Nos.

10. Applicant : Principal,

AJ Higher Secondary School

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 of 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 granted for the use of the building or a portion the building originality is changed or altered subsequently.

Date: 01.05.2024

# FORM-B

Form of Certificate of Structural Soundness under Subsection (4) of section 4 of the Tamil Nadu Public building (Licensing) Act, 1965 (Tamil Nadu) act, 13 of 1965 referred to in Rule 4 of the Tamil Nadu public buildings (Licensing) Rule 1966.

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

#### 1. FOUNDATION

A. Depth below ground level : 10 m depth

B. Nature of the soil met with at : Clayey soil

Foundation level

C. Pressure at Foundation : 10 T/m<sup>2</sup>

D. Probable Safe bearing capacity of : 25 Tonne to 85 Tonne Pile foundation : 25 Tonne to 450 mm dia )

#### 2. SUPERSTRUCTUIRE

A. Maximum stress in the most  $35 \text{ T/m}^2$ 

critical .... Section of

masonry

B. Permissible stress in  $: 54 \text{ T/m}^2$ 

masonry

The Structure Soundness of the building has been verified by me with reference to IS loading standard 878 (Latest version) and other relevant Indian Standard code of practice and I declare that the building is **Structurally sound** to be used as building for the purpose noted in statement and license may be granted for the period from 1.05.2024 to 30.04.2027 (3 Years).

Date: 1.05.2024

## FORM-C

#### STATEMENT TO ACCOMPANY THE CERTIFICATE OF STRUCTURAL SOUNDNESS

1. Location of the building door number : A.J. Higher Secondary School,

street and name of the place

R.S.No. 102/3,

T.N.Palayam Revenue Village (Near by Abishekapakkam)

Ariyankuppam Commune, Puducherry

2. Age of the Building

: 11 Years

3. Number of the Storeyes

: Four Storied (G+3)

4. Short description of structure (steel RCC Framed or load bearing

masonry)

: RCC Framed Structure

5. Purpose for which the building is

certified for use

: For Conducting Class from LKG -XII Std

6. The period for which the building will : 49 Years

be structurally sound

7. Number if person to be accommodated

: 700 Nos

8. Remarks

: The Building is structurally stable and

sound to be used as a Public Building

Date: 01.05.2024

#### FORM D

[Form of Licence under Sub-section (1) of Section 6 of the Tamil Nadu Public Buildings (Licensing) Act, 1965 (Tamil Nadu Act XIII of 1965) referred to in rule 6 of the Tamil Nadu Public Building (Licensing) Rules, 1966]

#### STABILITY & OCCUPANCY LICENCE

Registration No. 290014

Licence is here by granted to The Principal, A.J. Higher Secondary School, R.S.NO 102/3, T.N.Palayam Revenue Village, (Near by Abishekapakkam), Ariyankuppam Commue Panchayath, Puducherry – 605 007 for the purpose and in respect of the building specified in the statement below and subject to the conditions and for the period mentioned the under:-

The period of validity of the Licence shall be 3 years from 01.05.2024 to 30.04.2027 (inclusive)

Date: 01.05.2024

Signature of the Compelent Person, M.Tech.,
FA/CP/CIF & B/2019/22
INSPECTOR OF FACTORIES
PUDUCHERRY.

#### Statement to Accompany the licence

| Location of the building(Door number, Street number and name of place).  | Purpose for which the building is licensed to be used as a public building | Number of persons to<br>be accommodated |
|--|--|---|
| A.J. Higher Secondary school,<br>R.S.NO 102/3,<br>T.N.Palayam revenue village,<br>(Near by Abishkapakkam)<br>Ariyankuppam Commue Panchayath,<br>Puducherry – 605 007 | School<br>(Public)   | 700 students                            |

Date: 01.05.2024

Signature of the Competent Person
Er. D. MURUGAN, M.Tech.,
COMPETENT PERSON,
FA/CP/CIF & B/2019/22
INSPECTOR OF FACTORIES
PUDUCHERRY.

## FORM-E

(Form of report to be the competent authority to the competent authority by inspecting authorities or officers appointed under other act under section 20 of the Madras Public Licensing) Act 1965 (Madras Act. 13 of 1965) referred to in rule 7 of the Madras Public Building Licensing Rules. 1968

- 1. Name and designation of inspecting authority or officer appointed or having jurisdiction under any other act or law
- 2. Location of the building inspected Door number, Street no, name of the place i.e., corporation / Municipality/ Panchayat union / Township cantonment etc
- 3. Date of inspection
- 4. Purpose for which the building is used
- 5. Nature of defects
- 6. Suggestion of rectifying defects
- If in a dangerous condition immediate Action recommended to be taken

Date: 01.05,2024

D.Murugan, M. Tech.,
Registered Structural Engineer (Grade-I),
(under PPA, Puducherry) &
Competent Person,

(CIF & B, Puducherry)
Plot No.1, First Floor, MGR Nagar,
Puducherry – 605 010.
A.J Higher Secondary School,
R.S. No. 102/3,
T.N.Palayam Revenue Village,
Ariyankuppam Commune Panchayath,
Puducherry – 605 007.

: 01.05.2024

: For Conducting class from LKG - XII Std

: Minor Thermal Cracks

: To be attended to while Painting

: No such conditions observed

Er.MURUGAN DEIVANAYAGAM, M.Tech., Registered Structural Engineer, Grade-I 3-951 / PPA / LIC / 2017 PUDUCHERRY



# GOVERNMENT OF PUDUCHERRY OFFICE OF THE CHIEF INSPECTOR OF FACTORIES AND BOILERS

No. FA/CP/CIF&B/2022/2

Dated: 3 0 MAR 2023

# CERTIFICATE OF COMPETENCY [Prescribed under sub-rule (4) of rule 2A]

I, the Chief Inspector of Factories, in exercise of the powers conferred on me under Section 2 (ca) of the Factories Act and the rules made there under, hereby recognize Thiru. D. Murugan, No. 5F, F Block, 6th Cross, Jawahar Nagar, Puducherry-605 005 to be a "COMPETENT PERSON" for the purpose of carrying out tests, examinations, inspections and certification for such buildings used in a factory located in the Union Territory of Puducherry under Section 6 of the Factories Act, 1948 and the rules made there under.

This certificate is valid upto **31.12.2025** and the competent person shall have jurisdiction over the entire Union Territory of Puducherry.

This certificate is issued subject to the conditions stipulated overleaf.

(Dr. A. MUTHAMMA, I.A.S.) CHIEF INSPECTOR OF FACTORIES

# Certificate of Competency is issued, subject to the condition stipulated hereunder:-

- Test, examinations and inspections shall be carried out in accordance with the provisions of the Act and the rules made thereunder.
- ii. Tests, examinations and inspections shall be carried out under direct supervision of the competent person or by a person so authorized by an, institution recognized to be a competent person.
- iii. The certificate of competency issued in favour of a person shall stand cancelled if the person leaves the organization mentioned in this application.
- iv. Record of work done by the competent person should be maintained in a log book, incorporating therein the details regarding the name of the factories, the details of the work done, observations made, directions give etc.
- V. A half yearly report on issue of certificates to various Factories, alongwith any efficiencies/defects noticed and compliances made if any, should be submitted to this Inspectorate.
- vi. Design value and actual value measured should be furnished in the test certificates.
- vii. The Chief Inspector of Factories, Puducherry reserves the right to revoke or amend this order at anytime during its validity period in accordance with the provisions under sub-rule(5) of Rule 2A of the Puducherry Factories Act, 1964.
- viii. For renewal of this certificate, application to be made in prescribed format with copies of certificate along with age proof, one month before the expiry of validity.

存存存存的

# LICENCE FOR REGISTERED TOWN PLANNER (ARCHITECT ENGINEER) STRUCTURAL ENGINEER / QUALITY AUDITOR / CONSTRUCTION ENGINEER / DEVELOPER / LICENSED SUPERVISOR



Name of the Applicant

: D. Murugan

Address

: No. bo, 2 nd Goss, Rainbon Nagar,

Pucherry - 605 011.

Contact No : Tel :

Mobile No: 8903306661

E-mail

: Murugan deivanayagan @ gnail com

Category of Registeration : Registered Structural Engineer Grade I

Registration Number

: 3-951 | PPA | LIC | 2017

Registration Date

: 13 - 2 - 2017 10

Specimen Signature

Er. MURUGAN DEIVANAYAGAM, M. Tech., stered Structural Engineer, Grade-I 3-951 / PPA / LIC / 2017 PUDLICHERRY

# FORM 3 (Bye-law 24 (5))

# FORM OF LICENCE FOR REGISTERED / TOWN PLANNER / ENGINEER / ARCHITECT / STRUCTURAL ENGINEER & QUALITY AUDITOR / CONSTRUCTION ENGINEER / DEVELOPER / LICENSED SUPERVISOR

| The Chairman, Planning Authority on the recommendation of the Registration  |
|---|
| Committee appointed by Government vide G.O. No. 9/13 CHg.)  Dated. 7: 6: 2013. hereby licenses Thiru / Thirumathi. D. Musugam |
| Dated 7.6.2013 hereby licenses Thiru / Thirumathi D. Musugam  |
| son/ daughter/ wife of Deivanceyegam  |
| residing at No. 60 2 hd Goss, Painten Nagar,  |
| Productiony-605 011   |
| to be registered Planner / Engineer / Architect / Structural Engineer / Quality Auditor /                                     |
| Gonstruction Engineer / Developer / Licensed Supervisor for a period of one year from 27.01.2017 to 26-1-2018                 |

The licence is not transferable to any other person and should be produced by the Licensee whenever required to do so by the Chairman.

The licensee shall be entitled to charge for the preparation of plans or other works from the owner or other person who employs or engages him, a reasonable fee or fees not exceeding the rate or rates prescribed by the Planning Authority from time to time.

The licensee is bound to comply with all the conditions annexed hereto.

Any failure on the part of the licensee to abide or comply with any of the conditions will entail not only a fine which along with any loss occasioned to the Planning Authority by anything done or omitted to be done by him, will be recovered from his security deposit and also cancellation of his license but will further involve him in all the necessary consequences, of penal action, if any, instituted against him including any civil liabilities.



Dated:

(Office seal of the Planning Authority)
Chairman, Planning Authority.

1

Er, MURUGAN DEIVANAYAGAM, M.Tech., Registered Structural Engineer, Grade-I 3-951 / PPA / LIC / 2017 PUDUCHERRY PUDUCHERRY PLANNING AUTHORITY

Renewal of Licence

PUBLICHERRY PLANNING AUTHORIS. This Licent has been renewed to the Teach of 12 - 2 - 2019 the reaction 13 - 2 - 2018 1 - 12 - 2 - 2019

PUDUCHERRY
PUBLICHERRY

MEMBER SECRETARY PUBLISHERY PLANNE AUTHORY & PUDUCHERRY.

PUDUCHIBRY PLANNING AUTHORITY True Leave has been renewed for One Year Fon 1:4-2020-76-31-3-2024

PUDUCHE HER

EN14/2021 1531 63.2022

Er. MURUGAN DEIVANAYAGAM, M.Tech., Registered Structural Engineer, Grade-I 3-951 / PPA / LIC / 2017 PUDUCHERRY