MAYURESH JADHAV

D.C.M. CIVIL ENGINEER

A/304, Sai Kripa, Charkop Sector-8, Kandivali West, Mumbai – 400067

FORM-2A

(see Regulation 3A)

ENGINEER'S CERTIFICATE FOR QUALITY ASSURANCE

To
Pranav Constructions Private Limited
1001, 10th Floor, DLH Park, S. V. Road
Near MTNL, Goregaon West
Mumbai – 400062

Quality Assurance Certificate

(Certificate No. 01 for the quarter ending 31st December 2023)

Subject: Certificate for quality of materials used and quality of Construction and workmanship for the Work of the project '**Redevelopment of Samrat Co-operative Housing Society Limited**' land bearing final Plot No. 28 of TPS Santacruz IV, Santacruz No. II, bearing C.T.S. No. G-92, of Village Bandra -G, admeasuring in the aggregate as 1028 square meters, as per Final Plot TPS Santacruz No. II, situated at Juhu Road, Santacruz (West), Mumbai -400 054 in the Registration District and Sub-District of Mumbai City and Mumbai Suburban, being bounded as On or towards the EAST: By Final Plot No.34D of TPS Santacruz No I1, On or towards the WEST: By Final Plot No. 29 of TPS Santacruz No II, On or towards the NORTH: By 60 Feet Juhu Road as mentioned in TP and 90 Feet Juhu Road as per DP, On or towards the SOUTH: By Final Plot No. 35-36 of TPS Santacruz No. II as mentioned in the Property Card being re-developed by Pranav Constructions Private Limited.

Reference: MAHARERA Registration Number- P51800053827

Dear Sir

I, Mayuresh Jadhav have undertaken an assignment of supervision of this real estate project.

Our Responsibility: –

To carry out the work in accordance with the development permission and as per the approved plan and submit certificate of supervision work and to carry out material testing in-site or in the authorized laboratory and to ensure quality of work and workmanship as per prescribed specifications, and as per NBC and or other relevant code of practice.

1. **Material Testing:-**

   I have applied following mandatory checks on the basic materials that is being used in the construction.

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i. Cement:-

It has been tested for its fineness, soundness, setting time, compressive strength etc. as per IS code 4031 Part I: 1996 and IS code 4031 Part V: 1996 as per industry standards and its results are within the permissible limits.

ii. Coarse aggregate –

It has been tested for deleterious materials, clay lumps, crushing value, impact value as per IS Code 2430:1986 and IS code 383:2016 as per industry standards and its results are within the permissible limits.

iii. Bricks/ Blocks –

Bricks- Bricks have been tested for compressive strength as per IS code 3495 Part I:1992, size of bricks as per IS Code 1077:1992, water absorption as per IS 3495 Part II:1992, efflorescence as per IS 3495 Part III:1992, etc.

Blocks- Blocks have been tested for compressive strength as per IS code 6441 Part V:1972, water absorption as per IS code 2185 Part III: 1984, etc.

iv. Concrete/Ready-mix Concrete-

It has been tested for compressive strength for various periods as per IS Code 456:2000 and IS 4926:2003 as per industry standards and its results are within the permissible limits.

v. Steel for Concrete-

It has been tested as per IS Code 2062:2011, IS code 1786:2008, 1608 Part I: 2022, 1608 Part I:2022, 1599:2019 1786:2008, etc. as per industry standards for tensile strength, elongation, rolling margin, yield, strength, bend, re-bend, gauge length etc. and its results are within the permissible limits.

vi. Testing of Other materials

Other materials like sand, crushed sand, floor tiles, fixtures and fittings, pipes and sanitary fittings etc. used in this project conform to relevant IS/BS/NBC code or as per standards laid down by the industry for particular materials.

2. **Workmanship: -**

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I hereby certify that the work has been carried out under my supervision. I further certify that workmanship and quality is satisfactory and up to the mark and the work has been acceptable within the permissible limits of deviations as per relevant code of practice.

3. Electrical Materials and Workmanship: –

I hereby certify that the work of all the electrical wirings/ connections / lift installations/ other electrical installations have been carried out under authorized/ registered electrical engineer and records have been maintained. The materials used conform to the relevant IS/ B.S/ National Building codes or as per Industry standards.

4. Structural Engineer: –

The Promoters have appointed Structural Engineers viz. M/s Shanghvi and Associates Consultants Private Limited Having License No. STR/S/193 having Office No. 02226144832, Mobile No. 9867300054.

The Structural design of the building in this project has been done under supervision. The formwork and concrete mix design has been done as per IS Code 10262:2009 or as per other relevant codes as applicable. **The periodic checks and certificates for STABILITY and SAFETY have been kept on record**.

5. Preservation of Records: –

Record of all test results of this project have been properly kept in the prescribed format and will be preserved at least up to the Defect Liability Period or for the period as required by any other provisions of law.

6. Please specify materials or any other items of work; which were not conforming to the standard specifications and which were not rejected. – **Not Applicable**.

We are using all materials as per IS specifications or as per Industry standards.

Yours Faithfully



Signature of Engineer

Name: Mayuresh Jadhav

Phone No: 9769874571

Date: 31 / 12 /2023

Place: Mumbai