

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 March 2024)

Subject: Certificate for quality of materials used and quality of Construction and workmanship for the Work of 4 Wings/Buildings of the project '**Redevelopment of Shining Star Co-operative Housing Society Limited**' of the project situated on Sub Plot Nos. 79, 80 and 81 of revised layout approved by Town Planning Dept from Final Plot Nos. 18 & 19 TPS VI Santacruz, C.T.S. No. 1610/8 admeasuring 2853 Sq. Yards i.e. 2385.5 Sq mts or thereabouts of Revenue Village and City Survey Vile Parle (West), Taluka Andheri in the Registration District and Sub-District of Mumbai Suburban, in Brihan Mumbai Mahanagarpalika H/W Ward and lying, being and situate at 79, 80, 81, Relief Road, Daulat Nagar, Santacruz (West), Mumbai – 400 054, and Bounded As Follows: Towards North: By A Creek And Beyond That By Juhu Aerodrome Of Village Of Vile Parle (W) Towards East: By Plot Nos. 84 To 86 Of Village Of Vile Parle (W) Towards West: By Public Road Of Village Of Vile Parle (W) Towards South: By Plot Nos. 82 And 83 Of Village Of Vile Parle (W) as Mentioned In the Property Card being re-developed by Pranav Constructions Private Limited

Reference: MAHARERA Registration Number- **P51800053810**

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 for the 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, initial and final setting time, and normal consistency test, etc. as per IS code 4031 Part I 1996, IS code 4031 Part V of 1988 IS code 4031 Part IV 1988, as per industry standard and its results are within the permissible limits.
- ii. Coarse aggregate
10mm Metal -1-Sieve Analysis Test, 20mm Metal -1-Sieve Analysis Test, it has been tested for gradation, deleterious materials, clay lumps as per IS code 383:1970, IS code 383:1970 2386 PART I, IS 2386 PART III, IS 2386 PART IV, and IS code 383:2016 as per industry standards and its results are within the permissible limits.
- iii. Brick/s/Block/s:
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, determination of water absorption as per IS 3495 Part II:1992, determination of efflorescence as per IS 3495 Part III:1992, etc.
AAC Blocks- AAC blocks have been tested for water absorption, compressive strength, block density, moisture content as per IS code 2185 Part 1-2005, IS code 2185 Part 1-1984
- iv. Concrete/ Ready Mix Concrete
It has been tested for compressive strength, calibration, workability, slump as per IS Code 456:2000 and IS code 4926:2003, IS code 516, IS code 1199: 2018 as per industry standards and its results are within the permissible limits.
- v. Structural / Steel for Concrete-
It has been tested as per IS code: 1786: 2008, 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: -

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 the relevant code of practice.



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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.**

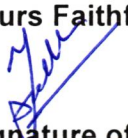
5. Preservation of Records: –

The 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 did not conform 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: 21 / 05 / 2024