

FORM 2 A
ENGINEER'S CERTIFICATE FOR QUALITY ASSURANCE
FOR THE YEAR 2021-22

To,

**Chaphalkar Karandikar Developers,
111, Shivajinagar, Pune - 411005**

QUALITY ASSURANCE CERTIFICATE

Subject: Certificate for quality of materials used and quality of Construction and Workmanship for the work of The Project **Ashokban** having MahaRERA Registration Number **P52100027688**, situated at PLOT No 485A/5A, admeasuring about 1068.88 square meters, and along with structure thereon situated at Shivajinagar (Bhamburda) Pune - 411016.

Sir.

I, Engineer Aadesh Mavale have undertaken an assignment of supervision of this real estate Project.

1. Our Responsibility:

I am responsible for carrying out the work in accordance with the development permission and as per the approved plan and submit certificate of supervision of work and to carry out material testing in-situ 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.

2. Material Testing:

I have applied following mandatory checks on the basic materials, used in the construction.

i. Cement.

It has been tested for its fineness, soundness, setting time, compressive strength etc. as per IS code 3535: 1986 or as per other relevant IS/BS/NBC code, or 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 2430: 1986 or as per other relevant IS/BS/NBC code or as per industry standards and its results are within the permissible limits.

iii. Bricks/Blocks.

They have been tested for water absorption, crushing strength etc. as per IS 5454: 1978 or as per other relevant IS/BS/NBC code or as per industry standards and its results are within permissible limits.

iv. Concrete / Ready Mix Concrete

It has been tested for compressive strength for various periods as per IS 456:2000 and IS 1199 or as pr other relevant IS/BS/NBC codes, as per industry standards and its results are within permissible limits.

v. Steel for Concrete

It has been tested as per IS 2062:2011 or as per other relevant IS/BS/NBC codes or as per industry standards and its results are within permissible limits.

vi. Testing of other material

Other material like sand, crushed sand, floor tiles, fixture and fittings, pipes and sanitary fittings etc. used in this project confirm to the relevant BIS Standards / IS / National Building codes or as per industry standards.

3. Workmanship:

I hereby certify that 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.

4. Electrical Material and Workmanship:

Works of all the electrical wiring/ connections / lift installation / other electrical installations have been carried out under authorized / registered electrical engineer end in records has been maintained. The materials used conform to the relevant IS/ BS/ National Building codes or as per industry standards.

5. Structural Engineer:

The Promoters have engaged structural engineer M/s. G. A Bhilare having License No383 and having Office No. 020 67215499. The structural design of buildings in this project has been done under his supervision. The framework and concrete mix design has been done as per IS 10262:2009 or as per other relevant codes as applicable. His periodic checks and certificates for STABILITY and SAFETY have been kept on record.

6. Preservation of records:

Record of all test results of this project have been properly kept in the prescribed formats and will be preserved at least up to the defect liability period or for the period as required by any other provision of law.

Yours faithfully,



Aadesh Mavale
B.E. - Civil