

ENGINEER'S CERTIFICATE FOR QUALITY ASSURANCE

(SITE SUPERVISOR'S CERTIFICATE)
(TO BE UPLOADED QUARTERLY)

Date: 4.10.19

To,
The Raunak Jigna Associates
3rd Floor, Room No 26,
Kilachand Building,
298 princess Street,
Marine Lines, Mumbai

Quality Assurance Certificate

(Certificate No 12 for the quarter ending September 2019)

Subject: Certificate for quality of materials used and quality of construction and workmanship for the work of 1 No. of Building(s) Wings of the **Raunak Centrum** Phase of the project situated on the plot bearing C.S. No./C.T.S. No./ Survey No./ Final Plot No **126/6 126/P** demarcated by its boundaries **N 19 03',07.24255", E72°52'.45 .03618'** to the North East **N 19 03',06.66451", E72°52'.43 .31499'** to the North West **N 19 03',00.43025", E72°52'.45 .79393** to the South East **N 19 03',00.10031", E72°52'.44 .78827'** to the South West of Division **Konkan** village **Kurla** taluka **Kurla** District **Mumbai Suburban** Pin **400071** admeasuring **1291.49** sq. mtrs. Area being developed by **Raunak Jigna Associates**

Reference : Maharera Registration Number- **P51800006705**

Sir,

I **Sanjay Shinde** have undertaken as 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 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 specification, and as per NBC and or other relevant code of practice.

1. Material Testing: -

I/We, have applied following mandatory checks on the basic material, 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 result are within the permissible limits.

iii. Bricks/blocks -

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

iv. Concrete / Ready-mix Concrete -

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It has been tested for compressive strength for various periods as per IS 456:2000 and IS 456:2000 and IS 1199 or as per 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 code or as per industry standards for tensile strength, elongation and gauge length etc. and its results are within permissible limits.

vi. **Testing of Other Materials –**

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

2. **Workmanship: -**

I/We hereby certify that work has been carried out under our supervision. We 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 Material and workmanship: -**

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

4. **Structural Engineer: -**

Promoter has engaged structural engineer Mr **R. C. Tipnis** having Licenses no. **STR/13** having office no **022-21634791** cell no **+91-9820056799**

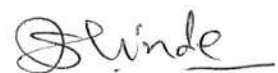
The structural design of building in this project has been done under his supervision. He has checked the soil report before laying PCC for foundation in consultation with soil consultant. The formwork and concrete mix design has been done as per IS 10260:2009 or as per other relevant codes as applicable. His 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 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.

6. Please specify material or any other item of work which were not conforming to the standards specifications and which were not rejected. **NIL**

Yours Faithfully,



Signature of Engineer (Site Supervisor)

Name: **Sanjay Shinde**Phone No: **9769963391**Place: **Thane**