Sandeep Sakpal
Civil Engineering Services Consultants

Green village 20/303, Kashimira, Kashigaon, Mira road (East)
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FORM-2A **dt . 29-06-2020**

[See MahaRERA order no. of 2018]

ENGINEER'S CERTIFICATE FOR QUALITY ASSURANCE

(site supervisor's certificate)

(To be uploaded quarterly)

To,
Raghav Raj Builders & Developers LLP
A-710, Crystal Plaza, Opp: Infinity Mall,
New Link Road, Andheri West,
Mumbai-400 053.

Quality Assurance Certificate

(Certificate No. 001 for the quarter ending)

Subject : Certificate for quality of materials used and quality of Construction and workmanship for the Work of 1 (one) No. of Building(s)/ 1 (One) Wings(s) of the First Phase of the project situated on the plot bearing C. S. No./C.T.S. No.2 (Part)/ Survey No.229 & 267/Final plot **no.144** demarcated by its boundaries (latitude and longitude of the end points) Building No.145 to the North, Building No.143 to the South, Milk Dairy & Plant to the East and Ashtavinayak Marg to the West of Division Village Kurla-III, Kurla taluka Mumbai Suburban District PIN-400024 admeasuring 882.92 sq.mtrs. area being developed by Raghav Raj Builders & Developers LLP.

Reference: MahaRERA Registration Number- P51800020496

M.S. SANDEEP SAKPAL * Civil Engineering Services Consultant * Mira Road Thane

Sir,

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

1. 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

1. <u>Material Testing</u>: -

I/we, 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 lS/85/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 lS 243011986 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 lS 5454:1978 or as per other relevant lS/85/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 15 456:2000 and lS 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.

M/S. SANDEEP SAKPAL Civil Engineering Services Consultant Vitthal Nagar Thane

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 Materials and workmanship: –

Works of all the electrical wiring/connections/lift installation/other electrical installations have been carried out under authorized/registered electrical engineer Mr. Nirmal Singh 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: –

Promoters has engaged structural engineer Mr. Nitin Jain having Licenses No.STR/J/75

Cell No. 9892941301 The structural design of buildings 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 10262:2009 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

Yours Faithfully,

Signature of Engineer (Site Supervisor)
Name: Sandeep Sakpal
License no. (if any) : S/744/SS1
Phone no. 9223218582
Place: Miraroad

M/S. SANDEEP SAKPAL
Mira Road
Thane