

ENGINEER'S CERTIFICATE FOR QUALITY ASSURANCE

To,
DEM Estates LLP
Shop No.5, Vasant Complex,
Sarovar Building, Mahavir Nagar,
Kandivali(W), Mumbai 400067.

Subject : Certificate of Cost Incurred for Development of Charkop Anand CHS Ltd for Construction of 1 building of the 1st Phase (MahaRERA Registration Number P51800034396) situated on the Plot bearing CTS No 1C/1/232 demarcated by its boundaries (latitude and longitude of the end points) 19.21734, 72.83377 to the North 19.21717, 72.83372 to the South 19.21726, 72.83387 to the East 19.21727, 72.83363 to the West of Division Mumbai village Kandivali taluka Kandivali District Mumbai PIN 400067 admeasuring 940.50 sq.mts. area being developed by DEM Estates LLP.

Reference: MahaRERA Registration Number P51800034396.

Sir,

I Anil Tippa have undertaken 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 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, used in construction.

i. Cement-

It has been tested for its fineness, soundness, setting time, compressive strength etc as per IS code 3535:1986 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 the permissible limits.

iv. Concrete / Reddy-mix Concrete-

It has been tested for compressive strength for various period as per IS 456:2000 and IS 1199 or as per other relevant IS/BS/NBC code, or as per industry standards and its results are within the 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 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 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 deviation as per relevant code of reference

3. Electrical Materials and Workmanship: -

Works of all 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

4. Structural Engineer: -

Promoters has engaged structural engineer Mr. Gireesh M Rajadhyaksha having License No STR/R/28 having office at A-52, Nandkishore Industrial Estate, off Mahakali Caves Road, Near Paper Box, Andheri(E), Mumbai 400093 cell no 022-67087521.

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 have 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.

6. Please specify materials or any other item of work which were not conforming to the standard specifications and which were not rejected.

Yours Faithfully,



Signature of Engineer
Name: Anil Tippa
License No: SS-1 84007172)
Phone No: 9167788323
Place: Mumbai