ENGINEER

FORM – 2 (Annexure)

ENGINEER'S CERTIFICATE FOR QUALITY ASSURANCE

Submitted On: 06-09-2024

Project Registration No : PR/GJ/AHMEDABAD/AHMEDABAD CITY/AUDA/RAA11871/300523

Sir,

I / We UTSAV DIPAKBHAI PATEL 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 of work and to carry out material testing in-situ or in the NABL approved Lab / GTU affiliated Eng. Colleges & Polytechnic Lab / GICEA Lab and to ensure quality of work and workmanship as per prescribed specifications as per NBC and or other relevant code of practice. The materials used in the project are conforming to the standards stipulated in IS SP21, 2005.

1. Material Testing: 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 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, mpact 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. asper 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 per other relevant IS/BS/NBC code or 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.
vii. Number and Frequency of testing – The materials used are subjected to required tests in prescribed numberand frequency.
viii. Codes of foreign country – Material used in the project for which IS code or standard is not available, the same is tested using relevant code of other country or as per standards laid down by the industry.
ix. Fire Resistance – The materials/composites used in construction complied to the required fire resistance.
2. Workmanship: I / We hereby certify that work has been carried out under my / our supervision. I / 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 relevantcode 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 and its records has been maintained. The materials used conform to the relevant IS / BS / National Building Codes or as per industry standards.
4. Structural Engineer: Promotor has engaged structural engineer Mr. Naresh K Shah having Licenses no. 001SE20082600092 having office no. or cell no. . The structural design of buildings in this project has been done under his supervision. I / We have 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 relevant codes as applicable. His / Her periodic checks and certificates for STABILITY and SAFETY have been kept on record. The structural design is carried out considering applicable earthquake and/or windload for this project and copes with the required fire resistance.
5. Preservation of Records: Record of all test results of this project have been properly kept in the prescribedformats and will be preserved at least up to the defect liability period or for the period as required by any other provision of law.
DECLARATION I declare, all the texts mentioned above required as per NBC and relevant IS codes as may be applicable for this project as per the approved plan has been carried out and necessary records are opened.Execution is carried out as per structural designs prepared by the Structural Engineer.

FORM TWO ANNEXURE ENGINEER	
Engineer Name	**UTSAV DIPAKBHAI PATEL**

Engineer Licence No	**001ERH15032901346**
Engineer Mobile No	**8160529488**
Date of physical visit to the site	**05-Sep-2024**
Firm Name	**UTSAV DIPAKBHAI PATEL**
Remarks	**SITE VISIT IS 31/08/2024**

@This is online submitted document with due eKYC done, hence no physical signature required.

ENGINEER