

To,

Email: [pune@cbre.co.in](mailto:pune@cbre.co.in)

The Sagittarius Ecospaces LLP

8, Nagar Road, Yerwada, Pune - 411006

DATE: 22-FEB-22

### **Quality Assurance Certificate**

**Subject:** Certificate for quality of materials used and quality of Construction and workmanship for the Work of 2 No. of Building/ 2 Wings of the 1<sup>st</sup> Phase of the project situated on the plot bearing Final plot no. 3/3 70/11A 100/2(Part), 224(Part), 225/1(Part), 225/2(Part) and 228/2(Part) District Pune PIN 411006 admeasuring 21,147 sq. mtrs. area being developed by Sagittarius Ecospaces LLP for Quarter – 4 - Oct-21 to Dec-21.

Sir,

We 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 GFC Drawings received 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

#### **1. Material Testing:-**

I/we, have applied following mandatory checks on the basic materials, used in the construction. – Refer Annexure I for Details

##### **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/85/NBC code, or as per industry standards and its results are within the permissible limits.

**ii. Coarse aggregate –**

As per Contractor's undertaking, it has been tested, for deleterious materials, clay lumps, crushing value, impact value as per IS 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 – AAC Blocks**

They have been tested for water absorption, crushing strength etc. as per IS 2185-1984 - Part 3 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 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 1786:2008, 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. Gypsum – for POP Punning**

As per Contractor's undertaking (e.g., Project Quality Plan), it has been tested as per IS 2547 (Part II)-1976 or as per other relevant IS/BS/NBC code or as per industry standards for physical characteristics – Bulk density, dry density, setting time etc. and its results are within permissible limits.

**vii. Floor Tiles**

As per Contractor's undertaking (e.g., Project Quality Plan), it has been tested as per IS 13006:2018 or as per other relevant IS/BS/NBC code or as per industry standards for physical characteristics – scratch resistance, moh's hardness etc and its results are within permissible limits.

CBRE South Asia Pvt. Ltd.

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CIN: U74140DL1999PTC100244

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### **viii. Manufactured Sand – Used for Plaster**

As per Contractor's undertaking (e.g., Project Quality Plan), it has been tested as per IS 383:2016 or as per other relevant IS/BS/NBC code or as per industry standards for sieve analysis, silt content, water absorption etc and its results are within permissible limits.

### **2. Workmanship:-**

We hereby certify that work has been carried out under our supervision. As per Contractor's undertaking (e.g., Project Quality Plan, Project OHSE Plan, etc.), 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: –**

As per Contractor's undertaking (e.g., Project Quality Plan), 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 confirm to the relevant I.S/ B.S/ National Building codes or as per industry standards.

### **4. Structural engineer: –**

Promoters has engaged structural engineer KPM Design Services Pvt. Ltd. having Licenses no. STR/G/118/MUM having office no. +91-22-28508683. 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.

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**5. Preservation of records: –**

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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. – **Refer Annexure II**

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

7. This letter has been issued for internal circulation only upon request by Client (i.e. Sagittarius Ecospaces LLP) and not issued for submission to Authorities (e.g., RERA, etc.)

Yours Faithfully,



A handwritten signature in blue ink that appears to read "Santosh Maslekar".

Santosh Maslekar

General Manager

CBRE South Asia Pvt. Ltd.