Ref : ARCUS / NAG / Mahindra-Bloomdale-NGP/MahaRERA Quality Eng Cert 2a / Bldg 07 Date : 10-7-2021

ENGINEER'S CERTIFICATE FORM 2a

To,

Mahindra Bebanco Developers Ltd.
Mahindra Towers ,5th floor, Dr. G. M. Bhosale Marg,
Worli, Mumbai- 400018.
www.mahindralifespaces.com

Site Address : **On the Plot** bearing **Survey No- 17 (Part), 18 (Part), 19 (Part), 26 (Part), 27 (Part), 28, 29 (Part), 30 (Part), 31 (Part), 35 (Part), 36 (Part), 39 (Part), Government Land Nallah (part) and Road (part),** Demarcated by boundaries- Plot of **D.Y. Patil International School** on the north, **Two Lane road** on the south, **Two Lane road** on the East, **Four Lane Road** on the west, MIHAN SEZ, De-Notified Area, Tahsil- **Nagpur(Gr.),** District- **Nagpur- 441 108., admeasuring 102192.840 Sq.Mtr.** area.

Developed By : **Mahindra Bebanco Developer Limited.**

Reference : **MahaRERA Registration Number P50500005448**

Subject : **Quality Assurance Certificate** of construction work of **01 Nos of building** (s) of the Project **Mahindra 'Bloomdale Building 07 '** Which is **Second & Third (RERA No.- P50500005448)**

Sir,

I/we **ARCUS** have undertaken assignment of certifying workmanship for the Work of 1 No. of Building II Phase of the project.

I/ We **ARCUS** Shave 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. Material Testing :-

Ilwe, 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/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 IS 243011986 or as per other relevant ISIBSINBC 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/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 15456:2000 and IS 1199 or as per other relevant ISI/BSI/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 ISI/BSI/NBC code or as per industry standards for tensile strenqth, 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 {ittings, pipes and. sanitary fittings etc. (List out all items) used in this project conform to relevant ISI/BSI/NBC code or as per standards laid down by the Industry fora particular material.

2. Workmanship:-

.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 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. JW Consultants LLP**. having Licenses no. **AAA-2650** having office at **Sai Radhe Office No 201 2nd floor 100 Kennedy Road Behind Hotel Le Meridian Pune 411001.**

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 10262:200g'·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 rejeded :- **NA**

Thanking You,
Your's Sincerely,
For **Arcus**

ARCHITECTS LANDSCAPE PROJECT MANAGEMENT ARCUS

Stamp & Signature

Place: **Nagpur**