

NITIN M.ZADE
LICENCED ENGINEER
NIT LS NO-2445
NMC LS NO-573

NO. 21, KUBER REGENCY NEAR ALL INDIA REPORTER PRESS CONGRESS NAGAR. NAGPUR.

FORM-2A
ENGINEER'S CERTIFICATE FOR QUALITY ASSURANCE
(Site Supervisor's Certificate)
Date: 15/04/2024

To,
M/S SHRIGOPAL RAMESHKUMAR SALES PVT LTD
Sarvodaya Cloth Market,
Gandhibagh, Nagpur,
440002

Quality Assurance Certificate
(Certificate No. 02 for the Year Ending 31-03-2024)

Subject: Certificate of Quality Assurance for Materials, Construction, and Workmanship for BHAGIRATH MANGALAM Project (MahaRERA Registration Number: P50500028230), Developed by M/S SHRIGOPAL RAMESHKUMAR SALES PRIVATE LIMITED

Sir,
I, NITIN M. ZADE, have undertaken the assignment of supervising this real estate project.

1. Our Responsibility - Material Testing

To ensure the quality of construction materials and adherence to prescribed standards, the following material tests have been conducted either *in-situ* or in authorized laboratories:

1. Cement

- Cement testing has been performed to verify its fineness, consistency, setting time, strength, and chemical properties.
- Tests such as compressive strength, specific gravity, and soundness ensure compliance with IS 3535:1986 standards.

2. Coarse Aggregate

- Tests have been conducted to check particle size distribution (gradation), impact value, crushing value, and specific gravity.
- These tests ensure that the aggregate meets IS 24301:1986 standards and is suitable for structural and non-structural purposes.

3. Bricks/Blocks

- Bricks and blocks have undergone compressive strength tests, water absorption tests, and dimensional accuracy checks.
- These measures ensure compliance with IS 5454:1978 standards, providing durability and stability for the construction.

4. Concrete / Ready Mix Concrete (RMC)

- Quality control tests have been carried out on-site and in laboratories to verify the workability, compressive strength, and mix proportions of concrete.

- Slump tests, cube strength tests, and other evaluations conform to IS 456 and IS 2000 standards.
- 5. **Steel for Concrete**
 - Reinforcement steel has been tested for its tensile strength, elongation, bend/rebend properties, and chemical composition.
 - Tests confirm compliance with IS 2062:2011 standards to ensure the steel's strength and ductility.
- 6. **Testing of Other Materials**
 - Other essential materials, including tiles, paints, adhesives, waterproofing materials, and plumbing items, have been tested for quality.
 - These tests ensure that the materials conform to industry standards or BIS/IS certifications, as applicable.
- 7. **Electrical Material**
 - Electrical materials such as wires, cables, switches, circuit breakers, and conduits have been tested for insulation resistance, conductivity, and fire resistance.
 - These tests ensure compliance with IS 694, IS 732, and IS 12640 standards for safety, durability, and performance.
 - Proper grounding and earthing materials have also been tested to verify their capacity to handle fault currents as per IS 3043.
 - All electrical components used in the project adhere to relevant IS/BIS standards and industry best practices to ensure the safety and reliability of the electrical systems.

Each of these tests has been performed meticulously to ensure compliance with the relevant Indian Standards (IS) and industry norms, providing assurance about the quality and reliability of the construction materials used in the project.

2. Input Materials, Fixtures, and Fittings

I hereby certify that:

- All construction materials, fixtures, and fittings related to flooring, electrical, sanitary installations, and other amenities provided by the promoter are as per the specifications detailed in Annexure 'F' of the Agreement of Sale.
- For items without specified standards in the Agreement of Sale, the materials, fixtures, and fittings conform to relevant BIS/IS/National Building Codes or industry standards.

3. Workmanship

I hereby certify that:

- The work has been carried out under my supervision.
- The quality of workmanship is satisfactory, up to the mark, and within permissible deviations as per relevant codes of practice.

3. Structural Engineer

The promoter has engaged **Shri. P. S. PATANKAR** with License No. **IEL Reg. No. F-1219630** having office at **Universal Annex, 79, Shivaji Nagar, Nagpur - 440010** and contact number **9130003640** for this project.

- The structural design of the buildings in this project has been done under their supervision.
- The formwork and concrete mix design have been executed as per IS 10262:2009 or other applicable codes.

- Their periodic checks and certificates for **Stability** and **Safety** have been duly recorded and maintained.

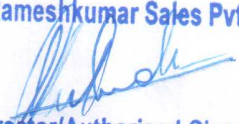
4. Preservation of Records

All test results of this project have been properly recorded in the prescribed formats. These records will be preserved at least up to the defect liability period or as mandated by applicable laws.


Nitin M. Zade
Consulting Civil Engineer
NMC Lic No.: 573
NIT Lic No.: 2445

Yours Faithfully,
Signature of Site Supervisor
Name: NITIN M. ZADE
Place: Nagpur

Shrigopal Rameshkumar Sales Pvt. Ltd.


Director/Authorised Signatory

Agreed and Accepted by:

For M/S SHRIGOPAL RAMESHKUMAR SALES PRIVATE LIMITED

Date: 15-04-2024

Authorized Signatory