

FORM-2A
[See Regulation 3A.]
ENGINEERS'S CERTIFICATE FOR QUALITY ASSURANCE
(Site Supervisor's Certificate)
(To be submitted at the end of Financial Year)

Date: 10/6/2016

To,
The Lodha Developers Limited
Mumbai City, Mumbai City, Mumbai City, 400001

*** Quality Assurance Certificate**

(Certificate No. for the Year Ending 25-26..)

Subject : Certificate for quality of materials used and quality of Construction and workmanship of the work of Hangling Garden Palava having MahaRERA Registration Number P51700077356 being developed by Lodha Developers Limited

Sir, Deepak Patel
I/We 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, to submit certificate of supervision of work, to carry out material testing in-situ or in an authorized laboratory as per prevailing and applicable standards, to ensure quality of work and workmanship as per prescribed specifications, and as per NBC and / or other relevant code of practice.

The details of the quality are as follows :

1. Structural Design, Stability and Testing

Sr. No.	Parameters	Yes/No	Remarks
1	Whether soil investigations of the site has been conducted before the structural design and soil parameters have been accounted for in the structural design/drawings?	Yes	-
2	Whether Structural Engineer has been appointed for the project?	No	
3	Whether the inspection registers, site order book and quality control test registers are maintained at the site properly and endorsed by the Engineer-in-Charge?	Yes	As per IS/BIS Norms/Codes
4	Whether testing facilities to check quality of material is available at site?	Yes	As per IS/BIS Norms/Codes

Sr. No.	Parameters	Yes/No	Remarks
5	Whether the statutory provisions for disaster resistance/earthquake resistant design have been incorporated, specially in case of multi-storeyed construction?	Yes	As per relevant IS Codes
6	Has suitable cognizance been taken on demarcated flood lines and appropriate precautions taken for protecting the site from flooding considering local flooding issues?	Yes	Topographical Survey is carried out before start of design

2. Input Materials

Sr. No.	Parameters	Yes/No	Remarks
1	Whether the following building materials confirm to relevant IS/BS/NBC Code, or as per Industry Standards? If yes, provide details:	Yes	-
	(a) Cement, concrete and coarse aggregate	Yes	As per relevant IS Codes
	(b) Steel and its alloys	Yes	As per relevant IS Codes
	(c) Electrical wire, fittings and accessories	Yes	As per relevant IS Codes
	(d) Plumbing and sanitary fittings	Yes	As per relevant IS Codes
2	Whether regular tests of materials and construction products are being done from accredited labs also? If yes, details of such labs	Yes	NABL Accredited Labs such as BVQI, Durocrae, GVM, Spectro and others
3	Whether manufacturer test certificate for cement, steel, pipes etc. have been obtained and whether supply records are being maintained?	Yes	-
4	Whether suitable water is being used for construction?	Yes	-
	(i) What is the source of water?	Yes	Tankers/Borewell/Municipal Connection
	(ii) Has water been tested and approved by Engineer-in-Charge before construction?	Yes	-
	(iii) Has water been tested subsequently as per requirement?	Yes	Yes as per IS 456-2000

3. Quality of Workmanship

Sr. No.	Parameters	Yes/No	Remarks
1	Whether works of all the electrical wiring/connections/lift installation/other electrical installations have been carried out under authorized/registered electrical engineer and whether records of the same has been maintained?	Yes	Proficient MEP Contractors deployed for works
2	Whether all related works of plumbing & sanitary including installation of water supply systems, drainage systems, sewage systems, sinks, toilets etc. have been carried out under authorized/registered plumbers/sanitary contractors and whether records of the same has been maintained?	Yes	Proficient MEP Contractors deployed for works
3	Whether all the work is being carried out under supervision of experienced and skilled professional? Further, whether the workmanship and quality is satisfactory and up to the mark and the work is within the acceptable and permissible limits of deviations as per relevant Code of Practice?	Yes	As per relevant IS Codes / BIS Norms

Sr. No.	Parameters	Yes/No	Remarks
4	Whether remedial measures are undertaken to prevent dampness and leakages? If yes, provide details	Yes	As per Company Policy strictly based on IS Codes
5	Whether safety precautions are undertaken during construction activities for all type of workers?	Yes	Works carried out as per EHS Guidelines as per ISO 14001 & ISO 45001 accredited by TUV

4. Miscellaneous

Sr. No.	Parameters	Yes/No	No
1	Whether third party quality inspection is being carried out on site during/after completion of the works? If yes, provide details.	No	
2	Whether anti-termite treatment has been undertaken for the soil?	Yes	
3	Whether fire-fighting arrangements has been undertaken under supervision of fire consultant?	Yes	Fire-fighting arrangements made as per NBC & local authority (CFO) Norms
4	Whether proper signages have been installed on site/completed building as per requirement?	Yes	
5	Whether precautions are undertaken to avoid air pollution during construction? Please specify.	Yes	BMC Norms or Local Municipal Norms
6	Whether records of all test reports/results have been properly kept in the prescribed formats and whether the same are available at site for viewing by allottees and to be handed over to the association of allottees?	Yes	Not available online
7	Whether all relevant records including sanctioned building plans, utility drawings, various test reports/results have been properly kept in the prescribed formats to be handed over to the association of allottees?	Yes	Mode Available to the federation or society at handover
8	Any innovative/cost effective/green technology has been used for improving quality/energy efficiency? Please specify.	Yes	Net Zero in Operations ESG ranking by S & P global and others

Yours Faithfully

Signature of Engineer (Site Supervisor)

Name: Deepak Patil

Qualification (Not less than graduate)

License No. (if any): NA

Phone No:

Place:

For LODHA DEVELOPERS LIMITED

Director/Authorised Signatory

Agreed and accepted by

Signature of Promoter

Name: Lodha Developers Limited

Date: