FORM-2A

ENGINEER'S CERTIFICATE FOR QUALITY ASSURANCE

(site supervisor's certificate)
(To be uploaded quarterly)

To,

ARIHANT DEVELOPERS, a partnership firm registered under the Indian Partnership Act 1932, having its principal place of business at JALGAON [Pan: AASFA 3430C] represented through its **partner SHRI. ANISH CHHABILDAS SHAH**, Age 52 years, Occupation: Business, Resident of Cream Centre, Opp Shama Complex, Jalgaon, Tal. & Dist. Jalgaon-425001.

Quality Assurance Certificate

Subject : Certificate for quality of materials to be used and quality of Construction and workmanship for the Work of 4 No. of Building(s)/Wings(s) the project called **SUKRUTI DREAMHOMES situated at Gat No 338/1/2 + 339/3 (part), Near Deepak Food Factory situated at Pimprala Shivar Tal. Jalgaon, District Jalgaon-425001 Demarcated by its boundaries as follows-**

On or towards EAST - Part of Gat No. 339/3.

On or towards WEST - Gat No. 338 part (pai).

On or towards NORTH - Nimkhedi – Pimprala 18 Mt wide DP Shiv Road.

On or towards SOUTH - Part of Gat No. 339/3.

admeasuring a total of 0 hect 6502.43 R. (6502.43 sq.mtrs.) area being developed by Arihant Developers through its Partner Mr. Anish Shah.

Reference: Having MahaRERA Registration Number as P49900019018.

Sir,

I (Shreyas Shah) 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 authorized laboratory and to ensure quality of work and

1. Material Testing :-

I/we, will apply following mandatory checks on the basic materials, used in the construction.

i. Cement-

It will be 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. AAC blocks –

They will be tested for Thermal Conductivity , crushing strength etc. as per IS 5454:1978 or as per other relevant lS/85/NBC code or as per industry standards and its results will be checked as to are within permissible limits.

iii. Concrete--

It will be 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 will be checked as to are within permissible limits.

iv. Steel for concrete-

It will be 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 will be checked as to are within permissible limits.

v. Testing of Other materials

Other materials like sand, crushed sand, fittings, pipes and sanitary fittings etc. used in this project will conform to relevant IS/BS/NBC code or as per standards laid down by the industry for a particular material.

2. Workmanship:-

I/ we hereby certify that work will be carried out under our supervision. We further certify that workmanship and quality will be satisfactory and up to the mark and the work will be 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 will be carried out under authorized/ experience electrical

consultant. 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 Mohit Patil having JCMC License no. 28 & having office at Unity Chamber, Ganesh Colony Jalgaon having cell no 9967144499

The structural design of buildings in this project will be done under his supervision. He has checked the soil strata before laying PCC for foundation. He will do periodic checks of the RCC work being carried out and certificates for STABILITY and SAFETY will be kept on record.

5. Preservation of records: –

Record of all test results of this project will be 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

Yours Faithfully,

Mr. Shreyas Shah
Date - 17/02/2020
Place: Jalgaon.

Constro Solutions Private Limited

Gruntec Green Lightweight Blocks

Gut No 586, Five Star MIDC, Khambale Phata, Sinnar Pune Highway, Sinnar, Nashik - 422 103

Batch No	3136	Date	04.02.2020

Test Certificate for Grade- I AAC block

Test No.	Test	Unit	IS 2185: Part III Grade 1	Gruntec Test Result
1	Compressive Strength	Mpa	4.0	4.36
2	Maximum Variation in Length	mm	5 mm	3 mm
3	Maximum Variation in Width	mm	3 mm	2 mm
4	Maximum Variation in Height	mm	3 mm	2 mm
5	Density - Max.	Kg/m3	650 Kg/m3	616 Kg/m3
6	Thermal Conductivity	W/m.k	0.24 W/m'C	0.21 W/m'c
7	Drying Shrinkage	%	0.05%	0.03%

Q C Head

RAJURI STEEL PVT. LTD.

RAJURI STEEL

F-12, Phase II, Addl. M.I.D.C. Area, JALNA - 431 203.
Ph. : 02482 - 221004, 220577, 220838, Fax : 221132

THERMEX

An ISO 9001-2008 Company

TEST CERTIFICATE FOR HIGH STRENGTH DEFORMED STEEL BARS & WIRES FOR CONCRETE REINFORCEMENT ACCORDING TO IS 1786:2008

Test Certificate No. 3595

To M/s. : ARIHANT DEVELOPERS JALGOAN

Date : 02/02/2020

Order No. & Date : 31/01/2020

It is certified that the Material described below fully confirms to IS 1786 : 2008. Chemical Composition & Mechanical Properties of the product, as tested in accordance with the scheme of Inspection & Testing contained in the BIS Certification marks Licence CM/L 7522671 are as indicated below against each order No.

(Please Refer to IS 1786 : 2008 For Details of Specification Requirements.)

TEST RESULTS

Nominal Size	Cast / Heat No.	Quantity (MT)	Date of Testing	CHEMICAL ANALYSIS					MECHANICAL PROPERTIES								Remarks
				C %	S %	P %	S + P %	CE %	0.2% Proof Stress/ YS N/mm2 Min.	0.2% Proof Stress/ YS N/mm2 Max.	Tensile Strength N/mm2	TS/YS ratio	Elong-ation %	Total Elongation at Maximum force%	Bend Test	Re-bend Test	
08MM	MA172	7.030	05/01/2020	0.202	0.04	0.050	0.090	0.335	-	573.79	675.81	1.18	20.33	7.5	OK	OK	
10MM	MB122	0.480	08/01/2020	0.208	0.035	0.047	0.082	0.332	-	576.34	689.92	1.20	19.88	7.5	OK	OK	☑
12MM	MC133	4.060	06/01/2020	0.203	0.037	0.050	0.087	0.327	-	570.44	675.45	1.18	18.94	7.5	OK	OK	Fe-500
16MM	MD118	5.470	05/01/2020	0.196	0.034	0.045	0.079	0.333	-	574.13	679.43	1.18	18.98	7.5	OK	OK	
																	☐ Fe-550

The material supplied confirms to the standard rolling & mass tolerance

Surface defects :

a) Piping — Absent / Present

b) Other defects — Absent / Present

Remarks

Shipping Advice No. 10330

SGS ☑ Reviewed

NAME : Margesh Bhargade

Date & Sign.

SGS India Pvt. Ltd. Nagpur.

The SGS stamp and signature hereon represents receipt of the documents and SGS makes no representations as to the accuracy, adequacy and/or completeness of third party

RAJURI STEEL PVT. LTD.

Quality Control Incharge