

Quality Control Check Report **Stage: After Column Casting (villas)**

Block No.	43	Column No.	01	Sl. No.	32020
Company	VOC (LLP)	Project	VDC	Phase	-
Prepared by	S Kulkarni	Sign	Sudhakar	Date	10/11/18
Project Manager	A. Suresh	Sign	[Signature]	Date	10/11/18
Previous stage report no.			Report filed and signed by PM?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Checked By MD on		MD Sign		For filling	<input type="checkbox"/> Yes <input type="checkbox"/> No
Recommendation: <input type="checkbox"/> Stop further work. Submit ATR on QC report to QC team. Proceed only after recheck by QC. <input type="checkbox"/> Stop further work. Proceed with work after submitting ATR on QC report to QC team. <input type="checkbox"/> Proceed with further work only after making corrections pointed out in the QC report. ATR not required. <input checked="" type="checkbox"/> Proceed with further work. ATR not required.					

Columns Position Check

Notes:

- Inspection should be done after casting of columns at each stage and before starting centering works for each slab.
- Prepare Columns Position Check Plan as follows:
 - Divide blocks into smaller sub-blocks.
 - Show size and orientation of columns. (Tolerance 0.5")
 - Show inner – inner space between columns. (Tolerance 1")
 - Show diagonals for 20% of bays. (Tolerance 1.5")
 - Print an A3 size plan.
- Circle each correct dimension with green colour. Circle each incorrect dimension with red colour and mention actual dimension next to it.

Slab Dimensions Check

Notes:

- Prepare Slab (or plinth beams) Dimensions Check Plan as follows:
 - Show outer dimensions of slab. (Tolerance 2")
 - Show length and width of balconies (Tolerance 1")
 - Show inner dimensions of ducts and lift well. (Tolerance 1")
 - Show location of sunken slab.
 - Print an A3 size plan.
- Circle each correct dimension with green colour. Circle each incorrect dimension with red colour and mention actual dimension next to it.

Slab Dimensions Check Plan enclosed?	<input type="checkbox"/> Yes <input type="checkbox"/> No	N/A
Specified thickness of slab?	<input type="checkbox"/> Yes <input type="checkbox"/> No	N/A
Actual thickness of slab?	-	

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Quality of centering, rod bending and concreting.	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
Quality of centering, rod bending and concreting?	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
Quality of starters?	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
Number and size of honey combs?	<input type="checkbox"/> High <input type="checkbox"/> Medium. <input checked="" type="checkbox"/> Low
Are the honey combs is slab and columns packed?	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
Number of beams that are sagging, bulging, caved or deflected in the slab by more than 1"	—
Have 6 cubes each for columns and slab casted and numbered for testing?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Remarks:	

Curing.

Bunds for curing made on slab?	<input type="checkbox"/> Yes <input type="checkbox"/> No <i>N.A</i>
Bund size is less than 100 sft?	<input type="checkbox"/> Yes <input type="checkbox"/> No <i>—</i>
Drum (200 lbs) provided for curing?	<input type="checkbox"/> Yes <input type="checkbox"/> No <i>—</i>
Gunny bags used for column curing?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Distance of tap from furthest distance that requires curing. (max permitted 100')	<i>40'-0"</i>
Frequency of curing in number of times a day (enquire from labourers)	<i>2 times</i>
Is the pressure in the curing pipe more than 15' head?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Quality of infrastructure for curing.	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
Remarks:	

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Columns height, plumb, steel & level marking check.

Notes:

1. Mark ✓ for correct or minor mistake which does not require correction
2. Mark ✗ for minor mistake that requires minor correction.
3. Mark ✗✗ for major mistake that requires correction by replacement or re-fixing.
4. Mark ✗✗✗ for major mistake that cannot be corrected.
5. Tolerance: Plumb 0.25".
6. Circle actual height of columns if level differs from specified height by more than 1".

S No	Col No.	Col type	Height in ft		Steel (✓ or ✗)		Honeycombs	Plumb (✓ or ✗)		Reference level marked on column?
			Spec.	Actual	No of rods	Size of rods		Side 1	Side 2	
1.	A1	C1	8'-7"	8'-8"	✓	✓	✓	✓	✓	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
2.	A2	C2	8'-4"	8'-5"	✓	✓	✓	✓	✓	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
3.	A4	C1	8'-7"	8'-7½"	✓	✓	✓	✓	✓	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
4.	B1	C2	8'-7"	8'-7"	✓	✓	✓	✓	✓	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
5.	B2	C3	8'-7"	8'-3"	✓	✓	✓	✓	✓	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
6.	B4	C2	stair	stair	✓	✓	✓	✓	✓	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
7.	C1	C4	8'-4"	8'-3"	✓	✓	✓	✓	✓	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
8.	C3	C2	8'-4"	8'-2"	✓	✓	✓	✓	✓	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
9.	C4	C1	stair	stair	✓	✓	✓	✓	✓	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
10.	D-	C2	8'-4"	8'-5"	✓	✓	✓	✓	✓	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
11.	D3	C2	8'-4"	8'-5"	✓	✓	✓	✓	✓	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
12.	D4	C1	8'-7"	8'-6"	✓	✓	✓	✓	✓	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
13.	E-	C5	8'-4"	8'-4"	✓	✓	✓	✓	✓	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
14.	E3	C1	8'-4"	8'-4½"	✓	✓	✓	✓	✓	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
15.	E4	C1	8'-7"	8'-7½"	✓	✓	✓	✓	✓	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
16.										Yes <input type="checkbox"/> No <input type="checkbox"/>
17.										Yes <input type="checkbox"/> No <input type="checkbox"/>
18.										Yes <input type="checkbox"/> No <input type="checkbox"/>
19.										Yes <input type="checkbox"/> No <input type="checkbox"/>
20.										Yes <input type="checkbox"/> No <input type="checkbox"/>