

Quality Control Check Report Stage: After Column Casting (ultra)

Block No.	05	Column No.	01	Sl No	32639
Company	KVM	Project	Bhondala	Phase	
Prepared by	S. Kuddeep	Sign	S. Kuddeep	Date	14/01/19
Project Manager	Bala murali Krishna	Sign	Chand	Date	14/01/19
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	31545	For filling	<input type="checkbox"/> Yes <input type="checkbox"/> No

Recommendation:

- Stop further work. Submit ATR on QC report to QC team. Proceed only after recheck by QC.
- Stop further work. Proceed with work after submitting ATR on QC report to QC team.
- Proceed with further work only after making corrections pointed out in the QC report. ATR not required.
- Proceed with further work. ATR not required.

Columns Position Check

Notes:

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

Columns Position Check Plan enclosed? Yes No

Slab Dimensions Check

Notes:

1. Prepare Slab (or plinth beams) Dimensions Check Plan as follows:
 - a. Show outer dimensions of slab. (Tolerance 2")
 - b. Show length and width of balconies (Tolerance 1")
 - c. Show inner dimensions of ducts and lift well. (Tolerance 1")
 - d. Show location of sunken slab.
 - e. Print an A3 size plan.
2. 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?	-		
Actual thickness of slab?	-		

Quality of spacing, rod bending and congesting Good Avg. Bad

Quality of centering, rod bending and concrete Good Avg. Bad

Quality of starters? High Medium Low

Number and size of honey combs? Good Avg. Bad

Are the honey combs in slab and columns packed? High Medium Low

Number of beams that are sagging, bulging, caved or deflected in the slab by more than 1" Yes No

Have 6 cubes each for columns and slab casted and numbered for testing? Yes No

Remarks:

Curing

Bunds for curing made on slab? Yes No N/A

Band size is less than 100 sft? Yes No -

Drum (200 lts) provided for curing? Yes No

Gunny bags used for column curing? Yes No

Distance of tap from furthest distance that requires curing. (max permitted 100')

Frequency of curing in number of times a day (enquire from labourers) Yes No 2 times

Is the pressure in the curing pipe more than 15' head? Yes No

Quality of infrastructure for curing. Good Avg. Bad

Remarks: *Water curing done with drums for the villa.*

Quality Control Check Report Stage: After Column Casting (Villas)

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 repair
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

S No	Col No.	Col Type	Height in ft		Steel (✓ or ✗)	Size of rods	Honeycombs	Plumb (✓ or ✗)		Reference level marked on column?
			Spec.	Actual				Side 1	Side 2	
1.	A1	C4	8'-1 1/2"	8'-2"	✓			✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	A2	C2	8'-7 1/2"	8'-6"	✓			✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	A4	C3	8'-1 1/2"	8'-3"	✓			✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	A5	C2	8'-1 1/2"	8'-2"	✓			✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.	B1	C3	8'-7 1/2"	8'-7 1/2"	✓			✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.	B2	C2	8'-7 1/2"	8'-6"	✓			✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7.	B4	C2	8'-1 1/2"	8'-3"	✓			✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8.	B5	C2	8'-1 1/2"	8'-2"	✓			✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
9.	C3	C3	8'-7 1/2"	8'-7 1/2"	✓			✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
10.	D2	C5	8'-7 1/2"	8'-6"	✓			✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
11.	D3	C5	8'-7 1/2"	8'-6"	✓			✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
12.	E1	C2	8'-7 1/2"	8'-7"	✓			✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
13.	E2	C4	8'-7 1/2"	8'-7"	✓			✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
14.	E3	C4	8'-7 1/2"	8'-8"	✓			✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
15.	C5	C1	8'-7 1/2"	8'-8"	✓		✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
16.										<input type="checkbox"/> Yes <input type="checkbox"/> No
17.										<input type="checkbox"/> Yes <input type="checkbox"/> No
18.										<input type="checkbox"/> Yes <input type="checkbox"/> No
19.										<input type="checkbox"/> Yes <input type="checkbox"/> No
20.										<input type="checkbox"/> Yes <input type="checkbox"/> No