

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

Block No.	87	Column No.	02	Sl. No.	32469
Company	AGH	Project	AVR Gulmehal	Phase	-
Prepared by	S. Kuldeep	Sign	S. Kuldeep	Date	26/12/18
Project Manager	Sakir Hussain	Sign	[Signature]	Date	26/12/18
Previous stage report no.	3238)	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:**

- 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:

- 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Specified thickness of slab?	4 1/2 "	Actual thickness of slab?	4 1/2 "

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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 checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
Quality of starters?	<input type="checkbox"/> High <input checked="" type="checkbox"/> Medium. <input type="checkbox"/> Low
Number and size of honey combs?	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
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 type="checkbox"/> Yes <input type="checkbox"/> No
Remarks:	<i>NA. Honey combs not packed properly.</i>

<u>Curing</u>	
Bunds for curing made on slab?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Bund size is less than 100 sft?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Drum (200 lbs) provided for curing?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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>50' to "</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			Side 1	Side 2	
1.	D <sub>2</sub>	C <sub>1</sub>	8'-7 1/2"	8'-6"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	E <sub>1</sub>	C <sub>1</sub>	8'-7 1/2"	8'-7"	✓	✗	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	F <sub>1</sub>	C <sub>1</sub>	8'-7 1/2"	8'-7"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	F <sub>4</sub>	C <sub>3</sub>	8'-7 1/2"	8'-6"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.									<input type="checkbox"/> Yes <input type="checkbox"/> No
6.									<input type="checkbox"/> Yes <input type="checkbox"/> No
7.									<input type="checkbox"/> Yes <input type="checkbox"/> No
8.									<input type="checkbox"/> Yes <input type="checkbox"/> No
9.									<input type="checkbox"/> Yes <input type="checkbox"/> No
10.									<input type="checkbox"/> Yes <input type="checkbox"/> No
11.									<input type="checkbox"/> Yes <input type="checkbox"/> No
12.									<input type="checkbox"/> Yes <input type="checkbox"/> No
13.									<input type="checkbox"/> Yes <input type="checkbox"/> No
14.									<input type="checkbox"/> Yes <input type="checkbox"/> No
15.									<input 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