

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

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|---|---------------|------------|--------------------------------|---------|---|
| Block No. | 38 | Column No. | 02 | Sl. No. | 33371 |
| Company | -AGH | Project | AVR Gudmudhad | Phase | - |
| Prepared by | V. Sanketh | Sign | V. Sanketh | Date | 09/04/19 |
| Project Manager | Zakir Hussain | Sign | V. Sanketh | Date | 09/04/19 |
| Previous stage report no. | | | Report filed and signed by PM? | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Checked By MD on | | 33274 | MD Sign | | <input checked="" 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 checked="" 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 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 type="checkbox"/> Good <input checked="" 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? | | |
| Number of beams that are sagging, bulging, caved or deflected in the slab by more than 1" | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Have 6 cubes each for columns and slab casted and numbered for testing? | | |
| Remarks: | | |

Curing.

| | | |
|---|--|---|
| 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 lts) provided for curing? | | <input 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') | | 60-70" |
| Frequency of curing in number of times a day (enquire from labourers) | | 2 times |
| 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: | | |

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. | D ₂ | C ₁ | 8'-7 1/2" | 8'-8" | ✓ | ✓ | ✓ | ✓ | ✓ | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 2. | E ₁ | C ₁ | 8'-7 1/2" | 8'-8" | ✓ | ✓ | ✓ | ✓ | ✓ | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 3. | F ₁ | C ₁ | 8'-7 1/2" | 8'-7" | ✓ | ✓ | ✓ | ✓ | ✓ | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 4. | F ₄ | C ₃ | 8'-7 1/2" | 8'-7" | ✓ | ✓ | ✓ | ✓ | ✓ | <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 |