

Quality Control Check Report Stage: Before Casting Slab (Villas)

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|---------------------------|-----------------|----------|--------------------------------|---|---------|
| Block No | 50 | Slab No. | 2 | Sl. No. | 32998 |
| Company | Gov (CLP) | Project | Gov | Phase | TX |
| Prepared by | V. Sanketh | Sign | V. Sanketh | Date | 23/2/19 |
| Project Manager | V. Puseketharam | Sign | | Date | 23/2/19 |
| Previous stage report no. | | 32946 | 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.

Slab Check

Notes:

1. Inspection should be done before casting of slab at each stage i.e. when the slab is ready for casting.
2. Prepare Slab 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. (Tolerance 1")
 - d. Show location of sunken slab.
 - e. Print an A3 size plan.
3. Mid landing height is no. of risers x riser height. Measure from SFL to SFL. Check staircase of lower floor that has been casted.
4. 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 | | |
|--------------------------------------|---|--------------|--|
| Staircase - mid landing 1 | Specified ht: - | Actual ht: - | Within tolerance of 1/2"? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Staircase - mid landing 2 | Specified ht: - | Actual ht: - | Within tolerance of 1/2"? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Staircase width | Specified wd: - | Actual wd: - | Within tolerance of 1/2"? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Staircase slab thickness | Specified: - | Actual: - | Within tolerance of 1/4"? <input type="checkbox"/> Yes <input type="checkbox"/> No |

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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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 18" extension to beam bottom runners on outer side provided? | <input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| Quality of Bracing Provided? | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| Alignment of beams on outer side? | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| Shuttering leveling? | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| Column steel overlapping and cranking? (overlapping length should be 45 to 50 D) | <input checked="" type="checkbox"/> Correct <input type="checkbox"/> Needs correction |
| Remarks: | |
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Slab Steel 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. Columns overlapping length should be 45 to 50 D.

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| S No | Item | Quantitative Check (✓ or X) | Qualitative Check (Good / Avg. / Bad) |
|------|--|--------------------------------|---|
| 1. | Steel Check - Beam no of rods | ✓ | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 2. | Steel Check - Beam size of bars | ✓ | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 3. | Steel Check - Beams Extra Bars | ✓ | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 4. | Steel Check - Beams Overlapping & Cranking | ✓ | <input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 5. | Steel Check - Beams Bearing | ✓ | <input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 6. | Covering blocks for beams | ✓ | <input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 7. | Depth and width of beams | ✓ | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 8. | Steel Check - Slab size of bars | ✓ | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 9. | Steel Check - Slab spacing of bars | ✓ | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 10. | Steel Check - Slab cranking & chairs | ✓ | <input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 11. | Steel Check - Slab Extra Bars | ✓ | <input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 12. | Covering blocks for slab | ✓ | <input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 13. | Steel Check - Column steel overlapping length and cranking | ✓ | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 14. | Electrical Conducting | ✓ | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 15. | Steel check - floating columns | — | <input type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 16. | Steel check - slab extensions/ joints | — | <input type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |

Remarks: