

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

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|--|--------------|----------|--------------------------------|---|----------|
| Block No | 130 | Slab No. | 01 | SL. No. | 32343 |
| Company | Mugin esters | Project | Mugin estate | Phase | III |
| Prepared by | P. San Kumar | Sign | <i>[Signature]</i> | Date | 12/12/18 |
| Project Manager | Srinivas | Sign | <i>[Signature]</i> | Date | 12/12/18 |
| Previous stage report no. | | 322-13 | 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 checked="" type="checkbox"/> Proceed with further work only after making corrections pointed out in the QC report. ATR not required. <input type="checkbox"/> Proceed with further work. ATR not required. | | | | | |

Slab Check.

Notes:

- Inspection should be done before casting of slab at each stage i.e. when the slab is ready for casting.
- Prepare Slab 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. (Tolerance 1")
 - Show location of sunken slab.
 - Print an A3 size plan.
- Mid landing height is no. of risers x riser height. Measure from SPL to SPL. Check staircase of lower floor that has been casted.
- 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: 4' 5" | Actual ht: 4' 5" | Within tolerance of 1/2"? <input checked="" 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: 10' 8" | Actual wd: 9' 11" | Within tolerance of 1/2"? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Staircase slab thickness | Specified: 5" | Actual: 5" | Within tolerance of 1/4"? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

| | |
|--|---|
| 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 type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| Alignment of beams on outer side? | <input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| Shuttering leveling? | <input type="checkbox"/> Good <input checked="" 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 X for minor mistake that requires minor correction.
3. Mark X X X for major mistake that requires correction by replacement or re-fixing.
4. Mark X X X X 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 checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 5. | Steel Check - Beams Bearing | ✓ | <input checked="" type="checkbox"/> Good <input 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 type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 9. | Steel Check - Slab spacing of bars | ✓ | <input type="checkbox"/> Good <input checked="" 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: | | | |
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