

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

|                           |            |                                |   |             |  |
|---------------------------|------------|--------------------------------|---|-------------|--|
| Block No                  | 11         | Slab No.                       | 02  | Sl. No.     | 32522  |
| Company                   | VOC (LVP)  | Project                        | VOC   | Phase       | -  |
| Prepared by               | S. Kuddeop | Sign                           | <i>S. Kuddeop</i>   | Date        | 31/12/18   |
| Project Manager           | A - Suresh | Sign                           | <i>A. Suresh</i>  | Date        | 31/12/18   |
| Previous stage report no. | 31527      | 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:**

- 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.
- Stop further work. Proceed with work only after making corrections pointed out in the QC report. ATR not required.
- 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: 3'-6"   | Actual ht: 3'-7" | Within tolerance of 1/2"? | <input type="checkbox"/> Yes <input checked="" 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: 6'-6"   | Actual wd: 6'-6" | 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 Control Check Report. Stage: Before Casting Slab (Villas)**

|  |   |
|--|---|
| 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 checked="" type="checkbox"/> Good <input 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 ✗ 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<br>(✓ or X) | Qualitative Check<br>(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 checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 6.       | Covering blocks for beams                                  | ✓                              | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 7.       | Depth and width of beams                                   | ✓                              | <input type="checkbox"/> Good <input checked="" 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 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 checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 12.      | Covering blocks for slab                                   | ✓                              | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 13.      | Steel Check - Column steel overlapping length and cranking | ✓                              | <input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 14.      | Electrical Conducting                                      | ✓                              | <input type="checkbox"/> Good <input checked="" 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: |  |                                |   |
|          |  |                                |   |
|          |  |                                |   |