

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

|   |                 |                                |                |   |  |
|---|-----------------|--------------------------------|----------------|---|--|
| Block No  | 177             | Slab No.                       | 02             | Sl. No.   | 32501  |
| Company   | Kilgini estates | Project                        | Kilgini estate | Phase   | II   |
| Prepared by   | P. Sai Kumar    | Sign                           | P. Sai Kumar   | Date  | 29/12/19   |
| Project Manager   | Srinivas        | Sign                           | [Signature]    | Date  | 29/12/19   |
| Previous stage report no.   | 32384           | 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:<br><input type="checkbox"/> Stop further work. Submit ATR on QC report to QC team. Proceed only after recheck by QC.<br><input type="checkbox"/> Stop further work. Proceed with work after submitting ATR on QC report to QC team.<br><input type="checkbox"/> Proceed with further work only after making corrections pointed out in the QC report. ATR not required.<br><input checked="" 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: —                         | 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 wdi: —                        | Actual wdi: —               | 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 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 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 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: