

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

Block No	150	Slab No.	02	Sl. No.	27023
Company	Nelgum estate	Project	Nelgum estate	Phase	E
Prepared by	P. Ses Kumar	Sign	P. Ses Kumar	Date	21/5/17
Project Manager	Ratheshyam	Sign	Ratheshyam	Date	21/5/17
Previous stage report no.	27215	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 checked="" type="checkbox"/> Stop further work. Proceed with work after submitting ATR on QC report to QC team. <input 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: —	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 type="checkbox"/> Avg. <input type="checkbox"/> Bad
Quality of centering, rod bending and concreting?	<input type="checkbox"/> Yes <input type="checkbox"/> No
18" extension to beam bottom runners on outer side provided?	<input type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
Quality of Bracing Provided?	<input type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
Alignment of beams on outer side?	<input type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
Shuttering leveling?	<input 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 type="checkbox"/> Correct <input type="checkbox"/> Needs correction
Remarks:	1.10.18 ± Before Sc checking, Slab Casting work completed

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 type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
2.	Steel Check - Beam size of bars	—	<input type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
3.	Steel Check - Beams Extra Bars	—	<input type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
4.	Steel Check - Beams Overlapping & Cranking	—	<input type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
5.	Steel Check - Beams Bearing	—	<input type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
6.	Covering blocks for beams	—	<input type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
7.	Depth and width of beams	—	<input type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
8.	Steel Check - Slab size of bars	—	<input type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
9.	Steel Check - Slab spacing of bars	—	<input type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
10.	Steel Check Slab cranking & chairs	—	<input type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
11.	Steel Check - Slab Extra Bars	—	<input type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
12.	Covering blocks for slab	—	<input 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 type="checkbox"/> Avg. <input type="checkbox"/> Bad
14.	Electrical Conducting	—	<input 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:			