

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

Block No	E-3, 4 Flats	Slab No.	05	Sl. No.	27616
Company	BMC	Project	MFC	Phase	II
Prepared by	P. Sai Kumar	Sign	Ptdy	Date	20/9/18
Project Manager	S.V. Subba Reddy	Sign	<i>[Signature]</i>	Date	20/9/18
Previous stage report no.	22553	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 SPL to SPL. 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: 3' 6"	Actual ht: 3' 5 1/4"	Within tolerance of 1/2"?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Staircase - mid landing 2	Specified ht: 3' 6"	Actual ht: 3' 6"	Within tolerance of 1/2"?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Staircase width	Specified wd: 15' 3"	Actual wd: 15' 3 1/2"	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

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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 checked="" type="checkbox"/> Yes <input 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:	

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 ✗)	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	✓	✓
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 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 checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad

Remarks: