

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

Block No	29	Slab No.	01	Sl. No.	34798
Company	<i>Saarene construction</i>	Project	<i>Saarene villas</i>	Phase	
Prepared by	<i>V. Saarekivi</i>	Sign	<i>V. Saarekivi</i>	Date	<i>26.11.19</i>
Project Manager	<i>Saarenes</i>	Sign	<i>Sped. J. Saarene</i>	Date	<i>26.11.19</i>
Previous stage report no.			Report filed and signed by PM?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Checked By M/D on	<i>34673</i>	M/D 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 SFL to SPL. Check status 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.

Staircase - mid landing 1	Specified ht:	Actual ht:	Within tolerance of 15"?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Staircase - mid landing 2	Specified ht:	Actual ht:	Within tolerance of 15"?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Staircase width	Specified wdt:	Actual wdt:	Within tolerance of 12"?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Staircase slab thickness	Specified:	Actual:	Within tolerance of 14"?	<input type="checkbox"/> Yes <input type="checkbox"/> No

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Quality of centering, rod bending and concreting.

Quality of centering, rod bending and concreting? Good Avg. Bad

18" extension to beam bottom runners on outer side provided? Yes No

Quality of Bracing Provided? Good Avg. Bad

Alignment of beams on outer side? Good Avg. Bad

Shuttering leveling? Good Avg. Bad

Column steel overlapping and cranking? (overlapping length should be 45 to 50 D) Correct Needs correction

Remarks:

Reinforcing web should be temporary, gates should be closed
near column-beam joints.

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)	
		✓	X	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 type="checkbox"/> Good	<input checked="" 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 Beating	✓		<input type="checkbox"/> Good	<input checked="" 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 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 type="checkbox"/> Good	<input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
10.	Steel Check - Slab cranking & chairs	✓		<input checked="" type="checkbox"/> Good	<input 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:
