

**ATR on Quality Control Check Report. (Bungalows)**

Bungalow No	129	QC report stage	03	Sl. No.	34178
Company	VOC LLP	Project	VOC	Phase	
Prepared by	S. Shaovan	Sign	<i>S. Shaovan</i>	Date	29/10/19
Project Manager	A. Suresh	Sign	<i>A. Suresh</i>	Date	29/10/19
Receipt by QC date		Sign		Other	
Receipt at HO date		Sign		Other	
Checked By MD on		MD Sign		For filling	<input type="checkbox"/> Yes <input type="checkbox"/> No

Recommendation that was made by QC:

- 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.

**Notes:**

1. Attach a copy of the QC report to this sheet.
2. Circle each correction with a red pen - tick (✓) each circle for work completed and cross (✗) each circle where work has not been completed.
3. Give remarks for each case where work has not completed on this sheet.
4. Make 2 copied of the ATR - send one to MD and other to QC.
5. Enclose required photographs - hard copy.

**Remarks:**

*All works are Completed*

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

Block No	129	Slab No.	03	Sl. No.	34178
Company	VCC (LLP)	Project	NCC	Phase	-
Prepared by	T. Vinod Kumar	Sign	T. Vinod Kumar	Date	12/08/19
Project Manager	A. Suresh	Sign	(Signature)	Date	12/08/19
Previous stage report no.	34106	Report filed and signed by PM?		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Checked By MD on		MD Sign		For filling	Yes <input type="checkbox"/> No <input type="checkbox"/>
Recommendation: <input type="checkbox"/> Stop further work. Submit ATR on QC report to QC team. Proceed only after recheck by QC. <input 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:

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 SFL. 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:	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

**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 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.

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

S No	Item	Quantitative Check (✓ or X)	Qualitative Check (Good / Avg. / Bad)
1.	Steel Check - Beam no of rods	✓	Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad <input type="checkbox"/>
2.	Steel Check - Beam size of bars	✓	Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad <input type="checkbox"/>
3.	Steel Check - Beams Extra Bars	✓	Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad <input type="checkbox"/>
4.	Steel Check - Beams Overlapping & Cranking	✓	Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad <input type="checkbox"/>
5.	Steel Check - Beams Bearing	✓	Good <input type="checkbox"/> Avg. <input checked="" type="checkbox"/> Bad <input type="checkbox"/>
6.	Covering blocks for beams	✓	Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad <input type="checkbox"/>
7.	Depth and width of beams	✓	Good <input type="checkbox"/> Avg. <input checked="" type="checkbox"/> Bad <input type="checkbox"/>
8.	Steel Check - Slab size of bars	✓	Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad <input type="checkbox"/>
9.	Steel Check - Slab spacing of bars	✓	Good <input type="checkbox"/> Avg. <input checked="" type="checkbox"/> Bad <input type="checkbox"/>
10.	Steel Check - Slab cranking & chairs	✓	Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad <input type="checkbox"/>
11.	Steel Check - Slab Extra Bars	✓	Good <input type="checkbox"/> Avg. <input checked="" type="checkbox"/> Bad <input type="checkbox"/>
12.	Covering blocks for slab	✓	Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad <input type="checkbox"/>
13.	Steel Check - Column steel overlapping length and cranking	✓	Good <input type="checkbox"/> Avg. <input checked="" type="checkbox"/> Bad <input type="checkbox"/>
14.	Electrical Conducting	✓	Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad <input type="checkbox"/>
15.	Steel check - floating columns	✓	Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad <input type="checkbox"/>
16.	Steel check - slab extensions/ joints	✓	Good <input type="checkbox"/> Avg. <input checked="" type="checkbox"/> Bad <input type="checkbox"/>

Remarks:   
 1. Covering blocks should be provided.   
 2. Without self check concern engineers raised NCR, be none of the engineers present at the time of exc. checking.