

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

Block No	132	Slab No.	03	Sl. No.	347e3
Company	NOCC (USA)	Project	NO C	Phase	
Prepared by	T. Vinod Kumar	Sign		Date	09/11/19
Project Manager	A. Suresh	Sign		Date	09/11/19
Previous stage report no.		34265	Report filed and signed by PM?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Checked By MD on		MD Sign	For filing	<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.

Step 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:

- 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.

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 type="checkbox"/> Avg. <input checked="" type="checkbox"/> Bad <input type="checkbox"/>
2.	Steel Check - Beam size of bars	✓	Good <input type="checkbox"/> Avg. <input checked="" type="checkbox"/> Bad <input type="checkbox"/>
3.	Steel Check - Beams Extra Bars	✓	Good <input type="checkbox"/> Avg. <input checked="" type="checkbox"/> Bad <input type="checkbox"/>
4.	Steel Check - Beams Overlapping & Cranking	✓	Good <input type="checkbox"/> Avg. <input checked="" type="checkbox"/> Bad <input type="checkbox"/>
5.	Steel Check - Beams Bearing	✓	Good <input checked="" type="checkbox"/> Avg. <input 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 checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad <input type="checkbox"/>
10.	Steel Check - Slab cranking & chairs	✓	Good <input type="checkbox"/> Avg. <input checked="" type="checkbox"/> Bad <input type="checkbox"/>
11.	Steel Check - Slab Extra Bars	✓	Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad <input type="checkbox"/>
12.	Covering blocks for slab	✓	Good <input type="checkbox"/> Avg. <input checked="" type="checkbox"/> Bad <input type="checkbox"/>
13.	Steel Check - Column steel overlapping length and cranking	✓	Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad <input type="checkbox"/>
14.	Electrical Conducting	✓	Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad <input checked="" type="checkbox"/>
15.	Steel check - floating columns	✓	Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad <input checked="" type="checkbox"/>
16.	Steel check - slab extensions joints	✓	Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad <input checked="" type="checkbox"/>

Remarks: ~~Not a~~ Rod bending work was very very poor, (Laying & Tying of rods). The Project Manager simply taking approval of M.D. Sir without doing self check.