

Quality Control Check Report. Stage: After Column Casting (villas)

Block No.	82 82	Column No.	O2	Sl. No.	27254
Company	Milgem Emlak	Project	Milgem emlak	Phase	II
Prepared by	Pgn Kuru	Sign	Pgn	Date	23/5/12
Project Manager	Rade Milgem	Sign	Rabat	Date	23/5/12
Previous stage report no.	27143	Report filed and signed by PM?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Checked By M/D 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.

Columns Position Check.

Notes:

- Inspection should be done after casting of columns at each stage and before starting centering works for each slab.
- Prepare Columns Position Check Plan as follows:
 - Divide blocks into smaller sub-blocks.
 - Show size and orientation of columns. (Tolerance 0.5")
 - Show inner – inner space between columns. (Tolerance 1")
 - Show diagonals for 20% of bays. (Tolerance 1.5")
 - Print an A3 size plan.
- Circle each correct dimension with green colour. Circle each incorrect dimension with red colour and mention actual dimension next to it.

Slab Dimensions Check.

Notes:

- Prepare Slab (or plinth beams) 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 and lift well. (Tolerance 1")
 - Show location of sunken slab.
 - Print an A3 size plan.
- 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
Specified thickness of slab?	411 ^{mm}
Actual thickness of slab?	411 ^{mm}

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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 type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
Quality of starters?		<input type="checkbox"/> High <input type="checkbox"/> Medium. <input checked="" type="checkbox"/> Low
Number and size of honey combs?		<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
Are the honey combs is slab and columns packed?		
Number of beams that are sagging, bulging, caved or deflected in the slab by more than 1"	✓	
Have 6 cubes each for columns and slab casted and numbered for testing?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Remarks:		

Curing.

Bunds for curing made on slab?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Bund size is less than 100 sqft?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Drum (200 lts) provided for curing?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gunny bags used for column curing?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Distance of tap from furthest distance that requires curing. (max permitted 100')	30.0 "
Frequency of curing in number of times a day (enquire from labourers)	3 times
Is the pressure in the curing pipe more than 15" head?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Quality of infrastructure for curing.	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
Remarks:	

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Columns height, plumb, steel & level marking 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. Tolerance: Plumb 0.25".
6. Circle actual height of columns if level differs from specified height by more than 1".

SNo	Col No.	Col type	Height in ft		Steel (✓ or ✗)		Honeycombs	Plumb (✓ or ✗)		Reference level marked on column?
			Spec.	Actual	No of rods	Size of rods		Side 1	Side 2	
1.	A2	C1	8.212"	8.211"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
2.	A9	C1	8.2112"	8.211"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
3.	B7	C1	8.2112"	8.211"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
4.	C8	C1	8.2112"	8.211"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
5.									<input type="checkbox"/> Yes <input type="checkbox"/> No	
6.									<input type="checkbox"/> Yes <input type="checkbox"/> No	
7.									<input type="checkbox"/> Yes <input type="checkbox"/> No	
8.									<input type="checkbox"/> Yes <input type="checkbox"/> No	
9.									<input type="checkbox"/> Yes <input type="checkbox"/> No	
10.									<input type="checkbox"/> Yes <input type="checkbox"/> No	
11.									<input type="checkbox"/> Yes <input type="checkbox"/> No	
12.									<input type="checkbox"/> Yes <input type="checkbox"/> No	
13.									<input type="checkbox"/> Yes <input type="checkbox"/> No	
14.									<input type="checkbox"/> Yes <input type="checkbox"/> No	
15.									<input type="checkbox"/> Yes <input type="checkbox"/> No	
16.									<input type="checkbox"/> Yes <input type="checkbox"/> No	
17.									<input type="checkbox"/> Yes <input type="checkbox"/> No	
18.									<input type="checkbox"/> Yes <input type="checkbox"/> No	
19.									<input type="checkbox"/> Yes <input type="checkbox"/> No	
20.									<input type="checkbox"/> Yes <input type="checkbox"/> No	