

## CONSTRUCTION CHECKLIST

Name of the Project: \_\_\_\_\_ Date of inspection: \_\_\_\_\_

Name of the building: \_\_\_\_\_

Location of inspection in the building: \_\_\_\_\_

Name of the Sub-Division: \_\_\_\_\_

Name of the Division: \_\_\_\_\_



### STEP C : CHECKLIST FOR REINFORCEMENT WORK

SL. NO.	CHECK ITEM					1st Level Checked	2nd Level Checked	Comments
		Reference	YES	NO	NA	SAE	SDE	
1	<b>Material of re-bar and re-bar processing:</b>							
	1) Re-bar strength and ductility (grade) are as per design and specifications (supported by Test Reports).							
	2) Hooks and bends are provided appropriately as per specification.							
	3) Rebar is free from any crack or injuries defect.							
	4) Samples are taken and sent for testing.							
	5) Brand of reinforcement is within CE's schedule.							
2	<b>Re-bar installation:</b>							
	1) Size (Length and Diameter) of re-bar are as per drawing.							
	2) Number of re-bar are as per design.							
	3) Spacing of re-bar are as per design.							
	4) Main re-bar direction are as per design instruction.							
	5) Re-bar is tied with 24G wire (in each and every joint).							
	6) Splice length is accurate.							
	7) Horizontal alignment of re-bar is proper.							
	8) Vertical alignment of rebar is proper.							
	9) Clear cover is set properly (Saline & none-saline).							
	10) Mortar Blocks is set properly.							
	11) Re-bar is cleaned from all loose scale, dirt, and paint oil, grease or other foreign substance.							
3	<b>Special check for footing:</b>							
	1) Vertical rods from pile are embedded in the footing as per drawing.							
	2) Development length, Hook, splices etc are as per specification.							
	3) Bottom layer re-bar direction is OK as per design.							
	4) Top layer re-bar (both direction) for combine footing/ pile cap are placed properly as per design							
	5) Separator is provided properly between top and bottom re-bar.							

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EE: Name- \_\_\_\_\_ Signature: \_\_\_\_\_

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4	<b>Special check for Column:</b>							
	1) Location of splice is at the middle of column.							
	2) Tie spacing is maintained properly.							
	3) Closer tie spacing near splice zone is as per design.							
	4) Inner tie is provided as per design.							
	5) Not more than 50% rod are spliced at any section.							
5	<b>Special check for slab and beam:</b>							
	1) Stirrup spacing is proper (beam).							
	2) At the Beam-column joint, ties are provided properly as per drawing.							
	3) Length of extra top bar from column/beam face is as per design.							
	4) Crank position of slab reinforcement from beam face is proper.							
	5) Re-bar at middle position for torsion is set proper (for beam).							
	6) Top re-bar lapping is provided at the center of beam.							
	7) Bottom re-bar lapping is provided as shown in the drawing.							
	8) Corner re-bar for slab is provided properly.							
	9) Separator is provided properly between two layer of re-bar.							
	10) Development length and seismic stirrups are placed properly.							

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