



BRICK AND BLOCK MASONRY

Quality Control Checklist

Building : _____ Floor : _____
 Room : _____ Contractor : _____

Sr.No	Activity	Date Checked	Done	Not Done	Remarks
PRE BLOCK MASONRY CHECKS					
1	Has the contractor cleaned the entire floor before starting the line-out of masonry?				
2	Has the RCC surface that is next to brickwork hacked (6 mm deep and 30 mm c/c.) and wetted?				
3	Mortar mixer should be available; alternatively tray and shovels must be used to prepare mortar.				
4	Required size of farmas (40cm X 35cm X 25cm), 4lit and 1 lit water graduated plastic cans to control water cement ratio, racking tool, broom, block cutting tools etc.				
5	Has the Sand been sieved through 4.75mm sieve, if found coarse?				
6	Has the Quality, Size and Type of bricks are delivered to site as per architect's specification?				
7	Have the Blocks (of approved quality) been soaked in water till the bubble ceases to come up?				
8	Has the Setting out/alignment of the brickwork done as per Architectural drawings?				
9	Check the dimensions and diagonals of room after laying first layer of blocks				
10	Did the contractor mark the locations of doors and openings?				
11	Has the Door/windows frames(anti-termite treatment to hidden side) at Site been fixed in proper position, and is in line, level and plumb.				
13	Has a layer of Leveling Course PCC 1:3:6 provided, to adjust full size blocks, if the ground is not in level				
DURING BLOCK MASONRY CHECKS					
1	Check if the Mortar mix (mixed as per specification) is uniform and of optimum workability (Ease to work with)?				
2	Has the quantity of mortar sufficient for the next 30 minutes mixed?				
4	Block work should be in proper alignment and plumb with a systematic bond (English bond unless otherwise specified).				
5	Has all the Vertical joints been staggered? All Joints to be even and of about 10mm and Raked (8 to 10 mm) out properly when the mortar is green				
6	Ensure only 1.5m of brick work is laid in a day.				
7	At every 1m height, Is a band of concrete (M20 Grade) with M.S. reinforced (2 nos. of 8mm dia Tor bars and 6mm dia M.S U-bars at 300mm c/c cement) is placed in half brick masonry? (Applicable for 115mm thickness wall)				
8	Ensure that the top layer, beneath the beam, contains a full thickness block to allow good distribution of load. Otherwise fill the gap with concrete				
10	Check if the mortar is placed between edge of brick and column?				
11	Has all the voids in brick joints filled with consistent grout?				
12	Are Empty cement bags placed near to adjoining wall for collecting fallen mortar?				

Sr.No	Activity	Date Checked	Done	Not Done	Remarks
POST BLOCK MASONRY CHECKS					
1	Has all the dates of work done been marked on walls (to ensure curing time)				
2	Are all courses are in plumb,line & level?				
3	Are all door & window openings are as per the drawing provided?				
4	Has the entire floor been cleaned after the work?				
5	Has the Block work been Cured for a period of 07 days (minimum)?				

Checked by

Agreed By

Client

Contractor