



QA/QC Inspection Checklist for RCC, Masonry and Plaster

Use this before, during and after every RCC pour, and for masonry and plaster. Tick each item, note the remark, and have the site engineer sign off before work moves to the next stage.

A. Before Concreting: Formwork and Staging

CHECK	OK	REMARKS
Line, level and plumb checked against drawings	☐	
Joints tight, no gaps for slurry leakage	☐	
Props plumb, braced and on firm bearing; spacing as planned	☐	
Formwork cleaned; release agent applied, not on reinforcement	☐	
Openings, sunken areas and drops formed as per drawings	☐	

B. Before Concreting: Reinforcement

CHECK	OK	REMARKS
Bar diameter, number and spacing as per structural drawings and bar bending schedule	☐	
Laps at the right location and length, staggered	☐	
Cover blocks of the specified thickness at the correct spacing (IS 456 Table 16)	☐	
Chairs for top mesh; bars tied at every intersection where required	☐	
Development length and anchorage at supports	☐	
Extra bars around openings and at stair landings	☐	
Electrical conduits and plumbing sleeves fixed; do not reduce cover or section	☐	
Reinforcement free of loose rust, oil and mud	☐	

C. During Concreting

CHECK	OK	REMARKS
Mix grade and source confirmed against specification	☐	
Slump tested and recorded; no water added at site	☐	
Cube samples taken per IS 456 clause 15.2.2 and labelled with member and date	☐	
Concrete placed within the allowable time after mixing	☐	
Compaction with needle vibrators; no over-vibration or segregation	☐	
Pour continuous; construction joints only at approved locations	☐	

CHECK	OK	REMARKS
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Cover and bar positions maintained during pour	☐	

D. After Concreting

CHECK	OK	REMARKS
Curing started as soon as the surface permits	☐	
Curing continued for at least 7 days (OPC) or 10 days (blended cement or PPC)	☐	
Formwork and props removed no earlier than IS 456 clause 11.3 or the engineer's instruction	☐	
Surface defects (honeycombing, cracks, exposed bars) recorded and reported	☐	
Cube test results recorded in the register against the member	☐	

E. Brick Masonry

CHECK	OK	REMARKS
Bricks soaked before use	☐	
Mortar mix as specified, used within its working time	☐	
Courses level, walls plumb, joints fully filled, 10 mm nominal	☐	
Bond maintained; no continuous vertical joints	☐	
Lintels and bands as per drawing	☐	
Masonry cured for at least 7 days	☐	

F. Plaster

CHECK	OK	REMARKS
Surface cleaned and wetted; joints raked	☐	
Level dots and screeds fixed before plastering	☐	
Thickness within specification	☐	
Chicken mesh at RCC and masonry junctions where specified	☐	
Plaster cured for at least 7 days	☐	

Sign-Off

ROLE	NAME	SIGNATURE	DATE
Contractor's engineer			
Weston site engineer			