

03 30 00 Cast-in-Place Concrete				
Item No	Description	Preparatory	Initial	Follow-Up
1	Formwork approval obtained			
2	Rebar approval obtained			
3	Verify mix design			
4	Notify testing laboratory of pour			
5	Arrange site test personnel			
6	Arrange offsite test personnel			
7	Areas to receive concrete are cleaned, wetted, or otherwise prepared			
8	Pour area is free of frost and excessive water			
9	Previously placed concrete is properly prepared to receive new			
10	All embed items are properly located and installed (door closers, ledgers, bolts, anchors, studs, etc)			
11	Proper tools and equipment are available			
12	Tools and equipment are in working condition			
13	Identify proximity of standby tools and equipment			
14	Conveying and depositing equipment is capable of reaching all areas of placement without segregation, loss of ingredients, formation of air pockets, or cold joints			
15	Adequate manpower is available for timely placement			
16	Temporary form openings in place, as required			
17	Tremies on hand if needed			
18	Form pockets, if any, are vented to prevent entrapment			
19	Subgrade and capillary fills are compacted			
20	Subgrade membrane installation is tight			
21	Arrangements made for proper curing			
22	Arrangements made for sawed joints			
23	Arrangements made for protection of adjacent items			
24	Inspectors have all required testing equipment			
25	Identify person with authority to add water to mix			
26	Concrete delivery schedule and sequence is scheduled for continuous placement to prevent cold joints			
27	Verify age of concrete is within mix time limit			
28	Check delivery tickets for mix number and proportions			
29	Is modified grout required such as at rebar congestion			
30	Pour lift layers are kept approximately horizontal			
31	Pour lift layers do not exceed required lift height			
32	Complete pour record for each pour			
33	Check grades, elevations, alignment, form adjustment, and supports during placement			

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34	Define test sample storage location			
35	Test sample storage location is away from weather extremes and movement			
36	Vibration performed properly			
37	Watering and drainage methods determined			
38	Finishes are as specified (smooth, broomed, nonslip, exposed aggregate)			
39	Troweling is not performed while bleed water is on surface			
40	Over-troweling is avoided			
41	Curing methods are started as soon as possible			
42	Curing compounds are as required			
43	Curing compound is compatible with subsequent finishes			
44	Finishing method provides evenness, smoothness, and levelness of surfaces within tolerance indicated			
45	Slopes are provided as required			
46	Marks left by finishing tools are removed			
47	Joints, edges, and corners are carefully finished			
48	Curing method is adequately performed			
49	Post-pour protection is installed			
50	Protection covers are applied with sufficient lap and sealing during curing period (colored surfaces may require special covers to avoid staining, etc.)			
51	Monitor loading and traffic over new surfaces			
52	Architectural repairs/sacking are performed timely (form ties,, honeycomb pockets, tool marks)			