

PCC Structures Verification Responsibilities

Duty	Task	Performed By/ Required Cert.	Minimum Frequency
1. Sample and test aggregate gradations (Fine, Coarse, and Intermediate)	<ul style="list-style-type: none"> •Obtain independent sample per Materials IM 301. •Test per Materials IM 302 and 306. 	Construction Sampling AGG I Testing - AGG II	Sample 1st day & 1/week Test 1st day & 20% of samples S & T 1/deck pour
2. Verify aggregate quality.	<ul style="list-style-type: none"> •Obtain independent sample and submit to Central Materials (Coarse and Intermediate). 	Sampling - District Materials AGG II Testing - Office of Materials	Ready Mix/Central Batch 1/1000 cubic yards (1/750 cubic meters) Mobile Mixer - 1/project
3. Verify cementitious.	<ul style="list-style-type: none"> •Obtain independent sample and submit to Central Materials (Portland Cement and Ground Granulated Blast Furnace Slag). 	Sampling - District Materials PCC II Testing - Office of Materials	1/1000 cubic yards (1/750 cubic meters)
4. Verify admixtures.	<ul style="list-style-type: none"> •Obtain independent samples and submit to Central Materials. 	Sampling - District Materials PCC II Testing - Office of Materials	1/producers lot
5. Verify air, Plastic	<ul style="list-style-type: none"> •Sample per Materials IM 327. •Test per Materials IM 318. 	Construction PCC I	Ready Mix/Central Batch 1/30 cubic yards (1/25 cubic meters) Mobile Mixer - 1/100 square yards
6. Verify slump	<ul style="list-style-type: none"> •Sample per Materials IM 327. •Test per Materials IM 317. 	Construction PCC I	Ready Mix/Central Batch 1/30 cubic yards (1/25 cubic meters) Mobile Mixer - 1/project

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7. Verify reinforcement.	<ul style="list-style-type: none"> •Obtain independent samples and submit to Central Materials. 	Sampling - District Materials PCC II	Varies - Check IM 204
8. Verify smoothness.	<ul style="list-style-type: none"> •Randomly select segments and measure smoothness per Materials IM 341. •Report results and compare to contractor's results. •Check tolerance per IM 216. 	Testing - Central Materials District Materials PROF	10% of project