

PCC Structures Verification Responsibilities

Duty	Task	Performed By/ Required Cert.	Minimum Frequency
1. Sample and test aggregate gradations (Fine, Coarse, and Intermediate)	- 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.	Obtain independent sample and submit to Central Materials (Coarse and Intermediate).	Sampling - District Materials AGG II	Ready Mix/Central Batch 1/1000 cubic yards (1/750 cubic meters)
		Testing - Office of Materials	Mobile Mixer - 1/project
3. Verify cementitious.	Obtain independent sample and submit to Central Materials (Portland Cement and Ground Granulated Blast Furnace Slag).	Sampling - District Materials PCC II	1/1000 cubic yards (1/750 cubic meters)
		Testing - Office of Materials	
4. Verify admixtures.	Obtain independent samples and submit to Central Materials.	Sampling - District Materials PCC II	1/producers lot
		Testing - Office of Materials	
5. Verify air, Plastic	- 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	- 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.	•Obtain independent samples and submit to Central Materials.	Sampling - District Materials PCC II	Varies - Check IM 204
		Testing - Central Materials	
8. Verify smoothness.	•Randomly select segments and measure smoothness per Materials IM 341 . •Report results and compare to contractor's results. •Check tolerance per IM 216 .	District Materials PROF	10% of project