

****THIS IS A NEW APPENDIX. – PLEASE READ CAREFULLY.****

PCC STRUCTURAL - FIELD AND PLANT SAMPLING AND TESTING GUIDE
(See Specifications for Complete Details.)

Article	Work Type	Field Acceptance	Plant Acceptance	
		Air & Slump	Gradation QC	Gradation Verification
2403	Structural Concrete	1/30 yd3 (2)	S/T 1/week, if <50 yd3/wk S/T 1/ 2 weeks	S/T 1st/wk; S 1/wk or S 1/2 wks if <50 yd3/wk , T 20%
2405	Foundations	1/30 yd3 (2)	S/T 1/week, if <50 yd3/wk S/T 1/ 2 weeks	S/T 1st/wk; S 1/wk or S 1/2 wks if <50 yd3/wk , T 20%
2406	Concrete Structures	1/30 yd3	S/T 1/week, if <50 yd3/wk S/T 1/ 2 weeks	S/T 1st/wk; S 1/wk or S 1/2 wks if <50 yd3/wk , T 20%
2412	Bridge Decks	1/30 yd3 (2)	S/T 1/week, if <50 yd3/wk S/T 1/ 2 weeks	S/T 1st/wk; S 1/wk or S 1/2 wks if <50 yd3/wk , T 20%
2413	Deck Surfacing, Repair, Overlay	1/30 yd3	S/T 1/week, if <50 yd3/wk S/T 1/ 2 weeks	S/T 1st/wk; S 1/wk or S 1/2 wks if <50 yd3/wk , T 20%
2414	Railings	1/30 yd3	S/T 1/week, if <50 yd3/wk S/T 1/ 2 weeks	S/T 1st/wk; S 1/wk or S 1/2 wks if <50 yd3/wk , T 20%
2415	Box, Arch Circular Culverts	1/30 yd3	S/T 1/week, if <50 yd3/wk S/T 1/ 2 weeks	S/T 1st/wk; S 1/wk or S 1/2 wks if <50 yd3/wk , T 20%
2415	Curtain Wall	1/30 yd3	n/a	n/a
2416	Rigid Pipe Culverts	1/30 yd3	S/T 1/week, if <50 yd3/wk S/T 1/ 2 weeks	S/T 1st/wk; S 1/wk or S 1/2 wks if <50 yd3/wk , T 20%
2423	Support Structures	1/30 yd3	S/T 1/week, if <50 yd3/wk S/T 1/ 2 weeks	S/T 1st/wk; S 1/wk or S 1/2 wks if <50 yd3/wk , T 20%
2424	Shotcrete	1/30 yd3	S/T for Mix Design only	n/a
2433	Drilled Shaft	1/30 yd3	S/T 1/week, if <50 yd3/wk S/T 1/ 2 weeks	S/T 1st/wk; S 1/wk or S 1/2 wks if <50 yd3/wk , T 20%
2503	Storm Sewers	1/30 yd3	S/T 1/week, if <50 yd3/wk S/T 1/ 2 weeks	S/T 1st/wk; S 1/wk or S 1/2 wks if <50 yd3/wk , T 20%
2503	intakes, utility access	1/30 yd3	S/T 1/week, if <50 yd3/wk S/T 1/ 2 weeks	n/a
2501	Pile encasement	1/30 yd3	S/T 1/week, if <50 yd3/wk S/T 1/ 2 weeks	S/T 1st/wk; S 1/wk or S 1/2 wks if <50 yd3/wk , T 20%
2505	Guardrail anchorage	1/30 yd3	S/T 1/week, if <50 yd3/wk S/T 1/ 2 weeks	n/a
2513	Concrete barrier	1/30 yd3	S/T 1/week, if <50 yd3/wk S/T 1/ 2 weeks	S/T 1st/wk; S 1/wk or S 1/2 wks if <50 yd3/wk , T 20%
2516	Walls and Steps	1/30 yd3	S/T 1/week, if <50 yd3/wk S/T 1/ 2 weeks	S/T 1st/wk; S 1/wk or S 1/2 wks if <50 yd3/wk , T 20%

(1) If less than 20 yd3/ day, the engineer may waive air testing if inspection is not available and producer has exhibited consistency in prior placements

(2) On large structural placements >350 yd3, air and slump testing may be increased to 1/50 yd3 based on consistent results in the first 100 yd3 placed

(3) Sampling and testing rate if no other concrete supplied. Use structural or paving test results to cover non structural concrete items.