

PCI QUALITY CONTROL SCHOOL—LEVEL III

DAY 1	MATERIAL
1:00 p.m. – 1:30 p.m.	Registration/Welcome
1:30 p.m. – 2:00 p.m.	Introduction Review of School Study Team Setup
2:00 p.m. – 3:30 p.m.	Properties of Concrete Components—Chapter 1
3:30 p.m. – 3:45 p.m.	Afternoon Break
3:45 p.m. – 4:30 p.m.	Study Groups for Chapter 1
4:30 p.m. – 6:00 p.m.	Essentials of Quality Concrete—Chapter 2 Study Group Questions for Chapter 2

DAY 2	MATERIAL
8:00 a.m. – 8:45 a.m.	Sample Quiz
8:45 a.m. – 10:00 a.m.	Properties of Fresh Concrete—Chapter 3
10:00 a.m. – 10:15 a.m.	Morning Break
10:15 a.m. – 12:00 p.m.	Properties of Hardened Concrete—Chapter 4 Strength Durability Creep—Shrinkage Watertightness—Absorption Chloride Content
12:00 p.m. – 1:00 p.m.	Lunch
1:00 p.m. – 1:45 p.m.	Study Groups for Chapter 4
1:45 p.m. – 3:15 p.m.	Concrete Mix Design—Chapter 5 Absolute Volume Method
3:15 p.m. – 3:30 p.m.	Afternoon Break
3:30 p.m. – 4:45 p.m.	Concrete Mix Design—Chapter 5 (continued) Normal Weight Concrete Mixes ACI 211.1 Standard Practice Trial Batches
4:45 p.m. – 5:45 p.m.	Sample Quiz Review Study Group Questions for Chapter 5

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DAY 3	MATERIAL
8:00 a.m. – 9:15 a.m.	Alternative Testing for Concrete—Chapter 6
9:15 a.m. – 10:00 a.m.	Study Groups for Chapter 6
10:00 a.m. – 10:15 a.m.	Morning Break
10:15 a.m. – 12:00 p.m.	Deflected Prestressing Strands & Deflection for Design Efficiency—Chapter 7
12:00 p.m. – 1:00 p.m.	Lunch Break
1:00 p.m. – 2:00 p.m.	Study Groups for Chapter 7
2:00 p.m. – 3:00 p.m.	Product Control—Chapter 8 Tolerances Project Tolerances Appearance—Cracking—Evaluation
3:00 p.m. – 3:15 p.m.	Afternoon Break
3:15 p.m. – 4:30 p.m.	Welding—Chapter 9 Evaluation of Steel for Welding Carbon Equivalence Headed Study—Weld and Test
4:30 p.m. – 5:15 p.m.	Study Groups for Chapters 8 & 9 Evening Open

DAY 4	LEVEL III EXAMINATION
8:00 a.m. – 9:00 a.m.	Study Session for Level III Examination
9:00 a.m. – 11:00 a.m.	Level III Examination 65 multiple-choice questions Closed book Two hour time limit
11:00 a.m. – 12:00 p.m.	Grading of Exams
12:00 p.m.	Posting of Exam Grades/Class Concludes