

KT-49 Drilled Cores From PCCP and Precast Girders

Revised July 2023

Two attempts may be made by the applicant. The applicant may stop themselves once and not have that count as one of the two attempts. If the applicant stops voluntarily, draw a line at that point and note that the applicant stopped themselves then restart at the top of the next attempt.

Applicant: _____

CIT #: _____

Employer: _____

		1st Test		2 nd Test		Re-Test	
	Determining Length of Drilled Core Specimens						
1.	Take three caliper measurements at 120 degree intervals along the circumference of the circle of measurement to the nearest 0.01 in (0.25 mm), to determine the average length. (6.2.2.)	PASS	FAIL	PASS	FAIL	PASS	FAIL
	Specimens						
2.	Wipe off surface drill water and allow remaining surface moisture to evaporate. (7.2.1)	PASS	FAIL	PASS	FAIL	PASS	FAIL
3.	When surface appears dry, but not later than one hour after drilling, place cores in separate plastic bags and seal to prevent moisture loss. (7.2.1)	PASS	FAIL	PASS	FAIL	PASS	FAIL
4.	<u>Maintain cores at ambient temperature, and protect cores from exposure to direct sunlight. Transport the cores to the testing laboratory as soon as practical.</u> (7.2.1)	PASS	FAIL	PASS	FAIL	PASS	FAIL
5.	<u>Saw or grind the top and bottom of the specimen. Remove no more than 0.375 in from the top. Remove only the amount required for the specimen to fit in the testing machine from the bottom.</u> (7.3)	PASS	FAIL	PASS	FAIL	PASS	FAIL
6.	No point on either end of the specimen shall protrude by more than 0.125 in from a plane perpendicular to the axis of the specimen at the lowest point of the surface. (7.3)	PASS	FAIL	PASS	FAIL	PASS	FAIL
7.	<u>Prior to capping, determine the density of a core.</u> (Note)	PASS	FAIL	PASS	FAIL	PASS	FAIL
	Capping						
8.	<u>Cap the specimen according to the procedures contained in KT-77.</u> (8.1)	PASS	FAIL	PASS	FAIL	PASS	FAIL
9.	<u>Measure and break the cores according to KT - 76</u>	PASS	FAIL	PASS	FAIL	PASS	FAIL

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Overall Score

Circle One

1st Test	2nd Test	Re-Test
PASS	PASS	PASS
FAIL	FAIL	FAIL

IA Witness Examiner:

(First Try)

Signature

Date

IA Witness Examiner:

(Second Try)

Signature

Date

IA Witness Examiner:

(Re-Test)

Signature

Date

Comments: