

Soils Field Testing Technician
KT-11 Moisture Tests (Constant Mass Method)
 Revised July 2016

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		Stopped Test		Re-Test	
	Test Sample						
1.	<u>Select a representative quantity of sample in the amount indicated in the appropriate table. (4.1.)</u>	PASS	FAIL	PASS	FAIL	PASS	FAIL
	Procedure						
2.	<u>Weigh a clean, dry container (with lid for soils). Record the weight. (4.2.)</u>	PASS	FAIL	PASS	FAIL	PASS	FAIL
3.	<u>Place the moisture sample in the container and weigh. (with lid for soils) Record the weight. (4.2.)</u>	PASS	FAIL	PASS	FAIL	PASS	FAIL
4.	<u>Place the container with the sample in the drying oven 230 +/- 9° F (110° +/- 5° C) and dry to a constant mass. (remove lid) (4.2.)</u>	PASS	FAIL	PASS	FAIL	PASS	FAIL
5.	<u>Immediately upon removal from the oven, replace the lid and allow sample to cool to room temperature. (replace lid) (4.2.)</u>	PASS	FAIL	PASS	FAIL	PASS	FAIL
6.	<u>Weigh the container and the dried sample (with lid). (4.2.)</u>	PASS	FAIL	PASS	FAIL	PASS	FAIL
7.	<u>Calculate the moisture content. (5.1.)</u>	PASS	FAIL	PASS	FAIL	PASS	FAIL

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Overall Score

Circle One

1st Test

Stopped Test

Re-Test

PASS

PASS

PASS

FAIL

FAIL

FAIL

Witness Examiner:

(First Try)

Signature

Date

Witness Examiner:

(Stopped Try)

Signature

Date

Witness Examiner:

(Re-Test)

Signature

Date