

**Aggregate Field Testing Technician**  
**KT-11 Moisture Tests (Constant Mass Method)**  
 Revised August 2021

**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:** \_\_\_\_\_

|    |   | <b>1st Test</b> |      | <b>Stopped Test</b> |      | <b>Re-Test</b> |      |
|----|---|-----------------|------|---------------------|------|----------------|------|
|    | <b>Test Sample</b>  |                 |      |                     |      |                |      |
| 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 |
|    | <b>Procedure</b>  |                 |      |                     |      |                |      |
| 2. | <u>Weigh a clean, dry container. Record the weight. (4.2.)</u>  | PASS            | FAIL | PASS                | FAIL | PASS           | FAIL |
| 3. | <u>Place the moist sample in the container and weigh. Record the weight. (4.2.)</u>                                       | PASS            | FAIL | PASS                | FAIL | PASS           | FAIL |
| 4. | <u>Place the container with the sample in the drying oven at 230 ± 9°F (110 ± 5°C) and dry to a constant mass. (4.2.)</u> | PASS            | FAIL | PASS                | FAIL | PASS           | FAIL |
| 5. | <u>Upon removal from the oven, allow sample to cool to room temperature. (4.2.)</u>                                       | PASS            | FAIL | PASS                | FAIL | PASS           | FAIL |
| 6. | <u>Weigh and record the weight of the container with the dried sample. (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

**1<sup>st</sup> 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