

# **PCC Plastic Properties AV USER GUIDE AGENCY**

The following pages are for use after page 21 of the Sample Record Creation (Generic) Guide and before page 22.

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Overview Find Sample Maintain Test Queue Receive at Destination Lab Receive at Lab Unit Review Samples Review Tests

### Sample Record Summary

Sample Record: rickba-PCC Plastic Properties AV Save ?

General Sources Associations Contract Tests Sample Location Additional Information

Material: PCCPMainline - PCCP Mainline non-QC Sample Type: ACC - Acceptance

Search: Type search criteria or press Enter System Default Showing 1 of 1

Assign Tests 0 marked for deletion 0 changed

Test Number	Test Method	Destination Lab	Lab Unit	MAA	Test Inst	Required	Default	
1.0	PCC Plastic Tests	D1A3 Field	D1A3 Field Lab	<input checked="" type="checkbox"/>		1 No	Yes	Actions
Test Status		Reference Specification Selected						
05 - Test Assigned		No						

awp.ksdot.org/Agency/View/135/Agency/ViewTemplate?BaseParentModel=SampleRecordTest&BaseModelParentId=1216338

Agency View Summary

▼ PCC Plastic Properties [Current] Print Save ?

<b>Sample ID</b> rickba-PCC Plastic Properties AV	<b>Sample Type</b> ACC - Acceptance
<b>Source ID</b> 00600401	<b>Lab ID</b> D1A3KC Metro Lab
<b>Source Name</b> GEIGER CONCRETE READYMIX (KCK PLANT-A)	<b>Material Code</b> PCCPMainline
<b>Mix Design ID</b> 1PMC216A	<b>Represented Quantity</b> 25.000

11. Click "Save".

Inspector ID  1. Enter the Inspector's ID.

Contract	Project	Line Number	Item Code	Item Description
524012151	052 N 0734-01	78	013511	CONCRETE PAVEMENT ( 4" UNIFORM) (AE) (PLAIN)

AEA (oz/yd<sup>3</sup>)

Admix 1 (oz/yd<sup>3</sup>)

Admix 2 (oz/yd<sup>3</sup>)

Admix 3 (oz/yd<sup>3</sup>)

Consolidation Type

Calibration Factor of Unit Weight Bucket

Volume of Unit Weight Bucket (ft<sup>3</sup>)

Mass of Sample and Bucket (lbs)

Mass of Unit Weight Bucket (lbs)

Unit Weight of PCC (lbs/ft<sup>3</sup>)

2. Enter the amount of Admixture(s) in the Batch of Concrete being Tested. These correlate to the admixture(s) on the Mix Design.

3. Select the Consolidation Type.  
01 - Rodding (most common)  
02 - Vibration (low slump)

4. Enter the Calibration Factor.  
(The Inverse of the Volume of the Unit Weight Bucket.)

5. Enter the Mass of the Sample and Bucket and the Mass of the Bucket.

Concrete Temperature (°F)

Ambient Air Temperature (°F)

Slump

Target Slump (inches)

Method

Apparent Air Content (%)

Agg Correction Factor (KT-18) (%)

Alcohol Added (KT-19) (%)

Air Content (%)

6. Enter the reported values from the field test.

7. Select the Method of Determining Air Content used.  
01 - KT-18 (Pressure Meter)  
02 - KT-19 (Volumetric Method)

8. Enter the measured air content.

9. Enter the Aggregate Correction Factor (KT-18) or the % Alcohol added (KT-19)

10. Enter Remarks if applicable.

Remarks

Sample Record Test

### Agency View Summary

Save Complete

PCC Plastic Properties [Current]

Print Save ?

Warning: Data in the Parent Entity has changed. Click Save to refresh the data and recalculate any affected values on the Agency View.

#### Sample ID

rickba-PCC Plastic Properties AV

#### Source ID

00600401

#### Source Name

GEIGER CONCRETE READYMIX (KCK PLANT-A)

#### Mix Design ID

1PMC216A

#### Inspector ID

000016200  
David Johnson

Once you have completed your Agency View, Scroll to the top of the page and click "Sample Record Test".

#### Sample Type

ACC - Acceptance

#### Lab ID

D1A3KC Metro Lab

#### Material Code

PCCPMainline

#### Represented Quantity

25.000

0 changed

Contract	Project	Line Number	Item Code	Item Description
524012151	052 N 0734-01	78	013511	CONCRETE PAVEMENT (.4" UNIFORM) (AE) (PLAIN)

#### AEA (oz/yd<sup>3</sup>)

6.0

#### Admix 1 (oz/yd<sup>3</sup>)

18.0

#### Admix 2 (oz/yd<sup>3</sup>)

32.0

#### Admix 3 (oz/yd<sup>3</sup>)

#### Consolidation Type

01 - Rodding

#### Calibration Factor of Unit Weight Bucket

4.001

#### Volume of Unit Weight Bucket (ft<sup>3</sup>)

0.2489

#### Mass of Sample and Bucket (lbs)

44.400

#### Mass of Unit Weight Bucket (lbs)

7.895

#### Unit Weight of PCC (lbs/ft<sup>3</sup>)

146.08

#### Remarks

Tested at 10:00 AM

#### Concrete Temperature (°F)

90

#### Ambient Air Temperature (°F)

83

#### Slump

3.50

#### Target Slump (inches)

4.00

#### Method

01 - KT-18 (Pressure Method)

#### Apparent Air Content (%)

5.5

#### Agg Correction Factor (KT-18) (%)

0.1

#### Alcohol Added (KT-19) (%)

#### Air Content (%)

5.4