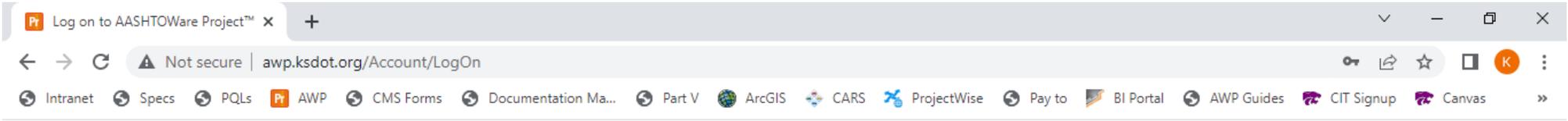


AWP User Guide for Entering MA Gradations for PCC

v5.2 Rev. 01/04/2024



Log In →

DTNT

Version 4.4.11 Revision 056

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The screenshot shows a web browser window with the URL awp.ksdot.org/#/Dashboard. The page features a navigation bar with 'Home', 'Previous', and 'My Pages' dropdowns. A 'Switch Role' dropdown menu is open, showing options: 'Kody Henrichs', 'CONTRACTS_KS_NONC', 'KDOT LABORUSER', and 'PROJMAN KS AREA'. The 'PROJMAN KS AREA' option is selected and highlighted with a red box and a checkmark. A red arrow points from this option to the text '1) Verify User Role (Should be in Inspector or Projman Roles)'. Below the navigation bar, there are two main menu sections: 'Manager User' and 'Materials'. The 'Materials' section is expanded, showing a list of items: 'Acceptance Actions', 'Action Relationships', 'Daily Source Reports', 'Find Sample', 'Mix Design', 'Product Group Sample Reviewer Assignment', and 'Sample Records'. 'Mix Design' is highlighted with a red box, and a red arrow points from it to the text '2) To verify material/producer codes, click Mix Design Otherwise, click Sample Records and skip to Page 6'. 'Sample Records' is also highlighted with a red dashed box.

1) Verify User Role
(Should be in Inspector or Projman Roles)

2) To verify material/producer codes, click Mix Design
Otherwise, click Sample Records and skip to Page 6

Mix Design Overview

▼ Mix Design Overview

Q 1pw5168a Advanced Showing 1 of 1

1) Enter Mix Design Number

Mix Design ID	Material Code	Material Name	Description
1PW5168A	PCCPMainline	PCCP Mainline non-QC	1PW5168A-MCM - AIRPORT PLANT #5 (601903)

2) Click on the hyperlink with your Mix Design Number

Overview
Mix Design Summary

▼ Mix Design: 1PW5168A

- General
- Component Materials
- Contracts
- Specifications
- SMFMI

Mix Design ID *
1PW5168A

Mix Design Type
PCC Design Mix - PCC Design Mix Design

Description
1PW5168A-MCM - AIRPORT PLANT #5 (601903)

Remarks
1

Approval Date
06/10/2022

Approved By
baltazor
Baltazor Rita K

Material *
PCCPMainline
PCCP Mainline non-QC

Source *
00601900
MIDWEST CONC MATRLS (MANHATTAN OFFICE)

Effective Date
09/11/2020

Expiration Date

Status
ACTIVE - Active

1) Take note of the Material Code used as well as the Source ID. You will need these later.

2) Click Home

On this page: Construction Materials Person Overview External Links Special Provision Overview

PROJECT KS ROLE for Area Project Manager User

- Construction
 - Change Order
 - Contract Administration
 - Contract Claims
 - Contract Permits
 - Contract Progress
 - Contract Specific Authorities
 - Contract Time
 - Contract Vendor Assets
 - Contractor Evaluation
 - Daily Diary

- Materials
 - Acceptance Actions
 - Action Relationships
 - Daily Source Reports
 - Find Sample
 - Mix Design
 - Product Group Sample Reviewer Assignment
 - Sample Records



Click Sample Records

1) Click on the row action drop-down button

Home Previous My Pages Actions Help Log off

Sample Record Overview

Sample Record Overview [Search] [Action Icon] [Help Icon]

Search: Type search criteria or press Enter System Default

2) Click Add

Actions
Add

0 marked for deletion | 0 changed

Enter search criteria above to see results Show first 10

1) Enter where you pulled your sample from

2) Select your Geographic Area (The District your project is in)

3) Enter Material Code (Must be the same one from the mix design)

4) Enter the date the test was ran

5) Select VER from the drop-down box

6) Select ACCP - KDOT Tests And/Or Field Inspection from the drop-down box

7) Enter Represented Quantity (See Part V for testing frequencies)

8) Enter the Unit of Measure

9) Select PCC Design Mix - PCC Design Mix Design from the drop-down box

10) Enter your Mix Design ID

11) Click Sources

The screenshot shows the 'Add Sample Record' form with the following fields and annotations:

- Sample ID***: A text input field with a red arrow pointing to it from annotation 1.
- Sample Date**: A date picker field showing '10/04/2022' with a red arrow from annotation 4.
- Sample Status**: A text input field.
- Sample Type**: A dropdown menu showing 'VER - Verification' with a red arrow from annotation 5.
- Acceptance Method**: A dropdown menu showing 'ACCP - KDOT Tests And/Or Field Inspection' with a red arrow from annotation 6.
- Authorized By**: A text input field.
- Authorized Date**: A text input field with a red arrow from annotation 7.
- Revising Sample ID**: A text input field with a red arrow from annotation 8.
- Revised By**: A text input field.
- Link To Related Sample ID**: A search input field with a red arrow from annotation 9.
- Linked Related Sample ID**: A text input field.
- Sampled From**: A text input field showing 'Truck'.
- Geographic Area***: A dropdown menu showing '02 - DISTRICT 2 - SALINA' with a red arrow from annotation 2.
- Material Code - Name**: A search input field showing 'PCCPMainline' with a red arrow from annotation 3.
- Represented Quantity**: A text input field showing '350.000' with a red arrow from annotation 7.
- Represented Quantity Units**: A search input field showing 'CUYD' with a red arrow from annotation 8.
- Specimen Number**: A text input field.
- Mix Design Type**: A dropdown menu showing 'PCC Design Mix - PCC Design Mix Design' with a red arrow from annotation 9.
- Mix Design ID**: A search input field showing '1PW5168A' with a red arrow from annotation 10.
- Sources/Facilities**: A tab in the left sidebar, highlighted with a red box and a red arrow from annotation 11.

Sample Record Summary

Sample Record: Save ?

General Sample Record: Test(s) may not be assigned to Sample Records without a Destination Lab association on the Associations tab.

Sources/Facilities

Associations

Sample Location

Additional Information

Primary Source/Facility

Select Primary Source... Select Primary Facility...

Source ID - Source Name Facility ID - Facility Name

- -

Source City Facility City

Click Select Primary Source

Source Type Facility Type

Source Location Description Facility Location Description

SMFMI Name
Begin typing to search or press Enter

Additional Sources

Type search criteria or press Enter Advanced

Select Sources...

0 marked for deletion | 0 changed

No rows found matching criteria.

Additional Facilities

Home Overview Sample F

Select Primary Source

Q 801903 Advanced Showing 1 of 1 1 selected

Source ID - Name	Source Type	Source City	Location Description
00801903 - MIDWEST CONC MATRLS(AIRPORT PCCP PLT #5)	M - MIX PLANT	MANHATTAN (HOME OFF)	

2) Select your Producer

3) Click Add to Sample Record

Add to Sample Record

Source City Facility City

Source Type Facility Type

Source Location Description Facility Location Description

SMFMI Name

Q Begin typing to search or press Enter

Additional Sources

Q Type search criteria or press Enter Advanced

Select Sources...

0 marked for deletion | 0 changed

No rows found matching criteria.

Additional Facilities

1) Once your source has been entered, click Save.

The screenshot shows a web interface for a 'Sample Record'. At the top, a blue header bar contains a 'Save' button and a help icon. Below the header, a left sidebar lists navigation tabs: 'General', 'Sources/Facilities', 'Associations', 'Sample Location', and 'Additional Information'. The 'General' tab is highlighted with a red box and a red arrow pointing to it from the text '2) Click General'. The main content area is titled 'Sample Record: Test(s) may not be assigned to Sample Records without a Destination Lab association on the Associations tab.' It features a 'Primary Source/Facility' section with two buttons: 'Select Primary Source...' and 'Select Primary Facility...'. Below these are fields for 'Source ID - Source Name' (00801903 - MIDWEST CONC MATRLS(AIRPORT PCCP PLT #5)), 'Source City' (MANHATTAN (HOME OFF)), 'Source Type' (M - MIX PLANT), and 'Source Location Description'. Corresponding fields for 'Facility ID - Facility Name', 'Facility City', 'Facility Type', and 'Facility Location Description' are present but empty. A search bar for 'MFMI Name' is located below the primary source fields. At the bottom, there are sections for 'Additional Sources' and 'Additional Facilities', each with a search bar and a 'Select Sources...' or 'Select Facilities...' button. The status '0 marked for deletion | 0 changed' is shown for both sections.

2) Click General

1) Enter the name of the person who actually ran the test

There are unsaved changes.

Sample Record Summary

Sample Record: kody.henrichs20240104023601 Save

- General
- Sources
- Associations**
- Contract
- Tests
- Sample Location
- Additional Information

Sample Record: Test(s) may not be assigned to Sample Records without a Destination Lab association on the Associations tab.

Sample ID*
kody.henrichs20240104023601

Inspector Name
Q kody.henrichs
Kody Henrichs

Sampled From
Truck

Geographic Area*
02 - DISTRICT 2 - SALINA

Material Code - Name
Q PCCPMainline
PCCP Mainline non-QC

Represented Quantity
350.000

Represented Quantity Units
Q CUYD
CUBIC YARD

Remarks
0

Sample Date
10/04/2022

Sample Status
Pending

Sample Type
VER - Verification

Acceptance Method
ACCP - KDOT Tests And/Or Field Inspection

Authorized By

Authorized Date

Revised By

2) Click Save

3) Click Associations

Home Previous My Pages Actions Help Log off

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

Sample Record Summary

Save Complete

Sample Record: kody.henrichs20240104023601 Save

General Sources Associations Contract Tests Sample Location Additional Information

Sample Record: Test(s) may not be assigned to Sample Records without a Destination Lab association on the Associations tab.

Type search criteria or press Enter Advanced

New

No rows found matching criteria.

0 added | 0 marked for deletion | 0 changed

1) Click New

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

Sample Record Summary

Sample Record: kody.henrichs20240104023601 Save

General Sources Associations Contract Tests Sample Location Additional Information

Sample Record: Test(s) may not be assigned to Sample Records without a Destination Lab association on the Associations tab.

Type search criteria or press Enter Advanced

New

Association Type Association Value*

Destination Lab D2A1 Field
D2A1 Field Lab (Junction City)

OR

4) Click Save

2) Select Destination Lab in the Association Type drop-down box

3a) If you are a KDOT employee, enter your location

OR

3b) If you are a consultant, select Consultant Lab

Home Previous My Pages Actions

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

Sample Record Summary

Sample Record: kody.henrichs20240104023601

General Sources Associations Contract Tests Sample Location Additional Information

Sample Record: Test(s) may not be assigned to Sample Records without a Destination Lab association on the Associations tab.

Type search criteria or press Enter Advanced

New

Association Type Association Value*

Destination Lab Consultant
Consultant Lab

5) Click Contract

Sample Record Summary

Sample Record: kody.henrichs20240104023601 Save

General Sources Associations Contract Tests Sample Location Additional Information

Type search criteria or press Enter Advanced

Select Contract Project Items... 0 marked for deletion | 0 changed

No rows found matching criteria.

1) Click Select Contract Project Items

Select Contract Project Item Line Numbers

522032252 System Default Showing 2 of 2

Select: All None 2 selected

Contract	Project	Project Item Line Nbr	Material Set
522032252 - PAVEMENT PATCHING	KA 6278-01	5 - PCCP JOINT AND CRACK PATCHING (PARTIAL D	PCCP Patching (Part)
522032252 - PAVEMENT PATCHING	KA 6278-01	6 - PCCP PATCHING (FULL DEPTH) (13") (SOUND)	PCCP Patching (Full Depth)

Save

2) Enter your Contract Number

3) Select all lines that apply

4) Click Save

Sample Record Summary

Save successful

Sample Record: kody.henrichs20240104023601 Save

General Sources Associations Contract Tests Sample Location Additional Information

Type search criteria or press Enter Advanced Showing 1 of 1

Select Contract Project Items...

Contract Project Item Material Sets

Contract 522032252 0

5) Click Tests

Sample Record Summary

Sample Record: kody.henrichs20240104023601 Save ?

General Sources Associations Contract Tests Sample Location Additional Information

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

Type search criteria or press Enter Advanced

Assign Tests

No rows found matching criteria.

0 marked for deletion | 0 changed

1) Click Assign Tests

Assign Sample Record Test

Assign Sample Record Test ?

Progress: Review Required Tests Select Default Tests Select Optional Tests Add Test Runs and Confirm

1 Review Required Tests:

No rows found matching criteria.

2) Click the Arrow

Assign Sample Record Test

Assign Sample Record Test ?

Progress: Review Required Tests Select Default Tests Select Optional Tests Add Test Runs and Confirm

2 Select Default Tests:

Type search criteria or press Enter Advanced Showing 6 of 6

Select: All None

Test Method	Test Description	Lab Unit	Autofinalize	Test Runs
KT-23	PCC, Flexural Strength	D2A1 Field Lab	Yes	1
KT-38	PCC, Pavement Density by the Nuclear Me	D2A1 Field Lab	Yes	1
KT-46	Profilograph	D2A1 Field Lab	Yes	1
Permeability	PCC Permeability- KT-73, KT-79, or AASHT	D2A1 Field Lab	Yes	1
PCC MA Gradations	MA Gradations (Combined) for PCC	D2A1 Field Lab	Yes	1
PCC MA Gradations-2	MA Gradations (Combined) for PCC-2 *	D2A1 Field Lab	Yes	1

3) Select MA Gradations (Combined) for PCC

3.1) *Note: Depending on how your mix design was entered into AWP, you might have to select MA Gradations (Combined) for PCC-2

4) Click the Arrow

Assign Sample Record Test

Assign Sample Record Test ?

Progress: Review Required Tests Select Default Tests **Select Optional Tests** Add Test Runs and Confirm

3 Select Optional Tests:

Search: Type search criteria or press Enter Advanced

Select: All | None No rows found matching criteria.

0 selected

1) Click the Arrow →

Assign Sample Record Test

Assign Sample Record Test ?

Progress: Review Required Tests Select Default Tests Select Optional Tests **Add Test Runs and Confirm**

4 Add Test Runs and Confirm:

Required Tests 0 changed

No rows found matching criteria.

Selected Default Tests 0 changed

Test Method	Test Description	Lab Unit	Autofinalize	Test Runs
PCC MA Gradations	MA Gradations (Combined) for PCC	D2A1 Field Lab	Yes	1

Selected Optional Tests 0 changed

No rows found matching criteria.

2) Click Confirm →

Sample Record Summary

Save Complete

Sample Record: kody.henrichs20240104023601 Save

- General
- Sources
- Associations
- Contract
- Tests
- Sample Location
- Additional Information

Material: PCCPMainline - PCCP Mainline non-QC
Sample Type: VER - Verification

Q Type search criteria or press Enter Advanced Showing 1 of 1

Assign Tests

0 marked for deletion | 0 changed

Test Number	Test Method	Destination Lab	Lab Unit	MAA	Required	Default	Test Status
1.0	PCC MA Gradations	D2A1 Field	D2A1 Field Lab	<input checked="" type="checkbox"/>	No	Yes	10 - Test i

1) Click on the row action drop-down button

- Actions
- Delete
- Exclude from Search Results
- Open
- Views
- Attachments
- KDOT PCC Combined Gradation
- Links
- Checked Issues

2) Click KDOT PCC Combined Gradation

Verify all information is correct
and scroll down

Sample Record Test

Agency View Summary

▼ PCC Combined Gradation Save ?

Sample ID	kody.henrichs20240104023601	Sample Type	VER
Inspector ID	000210085	Lab Unit	D2A1 Field Lab
Inspector Name	Kody Henrichs	Lab Unit Description	D2A1 Field Lab Unit (Junction City)
Mix Plant	00601903	Material Code	PCCPMainline
Mix Plant Description	MIDWEST CONC MATRLS(AIRPORT PCCP PLT #6)	Material Code Description	PCCP Mainline non-QC
Mix Design	1PW5168A	Quantity (Tons)	0
Contract	522032252	Project	1070-031 KA 6278-01
Line Number	5	Item Code	013302
		Item Code Description	PCCP JOINT AND CRACK PATCHING (PARTIAL DEPTH)

0 changed

Aggregate Material	Source ID	Source Name	Mix % Blend

1) Note which material is assigned to which Agg #

Aggregate Material	Source ID	Source Name	Mix % Blend	
Agg 1	AGGOGC_CPA-3	00802445	BAYER CONSTRUCTION (ZEANDALE QUARRY)(RILEY CO)	50.00
Agg 2	AGGIMA_IMA	00817104	MIDWEST CONC MATRLS (AIRPORT PIT)(RILEY CO)	5.00
Agg 3	AGGFAS_FA-A (SSG)	00817104	MIDWEST CONC MATRLS (AIRPORT PIT)(RILEY CO)	45.00
Agg 4				

2) Enter the Mix % Blend for each aggregate

3) Enter the Original Dry Mass (ODM) for each aggregate

Description Type	Gradations (Cumulative Percent Retained)				Agg 1	Agg 2	Agg 3	Agg 4	Per Sieve
	Mass Agg 1	Mass Agg 2	Mass Agg 3	Mass Agg 4					
Percentage	50.00 %	5.00 %	45.00 %		50.00 %	5.00 %	45.00 %		
ODM	2,322.5	2,392.3	2,162.4						
FDM	2,279.6	2,385.5	2,123.6						
2"					0	0	0	0	0
1 1/2"					0	0	0	0	0
1"					0	0	0	0	0
3/4"	0.0				0	0	0	0	0

4) Enter the Final Dry (Wash Dry) Mass (FDM) for each aggregate

5) Enter the mass retained results for each aggregate from your gradation

6) Scroll down and keep entering the mass retained results for each aggregate from your gradation

1 1/2"				
1"				
3/4"	0.0			
1/2"	804.7			
3/8"	1,408.1	0.0	0.0	
#4	2,125.1	151.5	54.9	
#8	2,280.7	1,497.3	455.2	
#18	2,287.5	2,275.2	1,072.9	
#30	2,289.9	2,380.3	1,810.5	
#50	2,272.6	2,379.5	1,985.0	
#100	2,275.0	2,384.5	2,100.2	
#200	2,277.1	2,385.1	2,112.3	
Pan	2,279.4	2,385.5	2,113.0	
Moisture (KT-24)	1.70			
Gradation Factor				
Acceptability (<= 0.3)				

0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
35	0	0	0	0
61	0	0	0	0
92	6	3	0	0
97	63	21	0	0
98	95	50	0	0
98	99	74	0	0
98	99	92	0	0
98	100	97	0	0
98.0	99.7	97.7	0.0	
6.42	4.62	3.37	0.00	
0.0	0.0	0.5		

1) Complete inputting test results. These results must be in a red book or a bound gradation book

2) Scroll to top of page

- Home
- Previous
- My Pages

- Actions
- Help
- Log off

Sample Record Test

Agency View Summary

▼ PCC Combined Gradation Save ?

Sample ID
kody.henrichs20240104023601

Inspector ID
000210065

Inspector Name
Kody Henrichs

Mix Plant
00601903

Mix Plant Description
MIDWEST CONC MATRLS(AIRPORT PCCP PLT #5)

Sample Type
VER

Lab Unit
D2A1 Field Lab

Lab Unit Description
D2A1 Field Lab Unit (Junction City)

Material Code
PCCPMainline

Material Code Description
PCCP Mainline non-QC

4) Click Sample Record Test

3) Click Save

Sample Record Test Summary

There are unsaved changes.

2) Click Save



Save



Sample Record ID: kody.henrichs20240104023601

Test Number: 1.0 Test Method - Description: PCC MA Gradations - MA Gradations (Combined) for PCC

Testers

General

Reference Specifications

Retests

1) Make sure the person that ran the test has their ID in an select Performed Test

Type search criteria or press Enter

Advanced Showing 3 of 3

New

0 added | 0 marked for deletion | 1 changed

Tester ID*	Tester ID	Tester Action Defaults*			
<input type="text" value="kody.henrichs"/> Kody Henrichs	kody.henrichs	<input type="radio"/> 1 - Entered test result	<input checked="" type="radio"/> 2 - Performed test	<input type="radio"/> 3 - Witnessed tester	<input type="radio"/> 4 - Custom
<input type="text" value="kody.henrichs"/> Kody Henrichs	kody.henrichs	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text" value="kody.henrichs"/> Kody Henrichs	kody.henrichs	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

3) Click General



Sample Record Test Summary

Save Complete ✕

Sample Record ID: kody.henrichs20240104023601

Save ▼ ?

Test Number: 1.0 Test Method - Description: PCC MA Gradations - MA Gradations (Combined) for PCC

- Testers
- General
- Reference Specifications
- Retests

Test Information

Test Status
05 - Test Assigned

Priority

Default Test
Yes

Required Test
No

Due Date

Remarks
0

Planned Test Start Date

Test Start Date
01/04/2024

Estimated Completion Date

Actual Completion Date

Click Mark Test Complete



Actions ✕

There are no actions available.

Tasks

- Mark Test Complete

Views

- Attachments (0)
- Issues
- KDOT PCC Combined Gradation_v2
- Links

Sample Information

Sample Type
VER - Verification

Contract ID
522032252

3) Click Save

4) Click Sample Record

Sample Record Test Summary

Sample Record ID: kody.henrichs20240104023601

Save

Test Number: 1.0 Test Method - Description: PCC MA Gradations - MA Gradations (Combined) for PCC

- Testers
- General
- Reference Specifications
- Retests

Test Information

Test Status

40 - Test Complete

1) Verify the Test Status is listed as "40-Test Complete"

Priority

Remarks

0

Planned Test Start Date

Test Start Date

10/04/2022

Estimated Completion Date

Actual Completion Date

2) Select Test Result Value from the drop-down box

required test

No

Due Date

Sample Information

Sample Type

VER - Verification

Contract ID

522032252

Lab Unit

D2A1 Field Lab - D2A1 Field Lab Unit (Junction City)

Source

00601903 - MIDWEST CONC MATRLS(AIRPORT PCCP PLT #5)

Lab Reference Number

Sample Date

Test Result Value

Pass - Pass

Sample Record Remarks

0

Sample Record Summary

Sample Record ID: kody.henrichs20240104023601 Save

- General
- Sample Location
- Additional Information
- Sources
- Associations
- Contract
- Tests

Sample ID*
kody.henrichs20221004125521

Material Code - Name
PCCPMainline
PCCP Mainline non-QC

Lab Reference Number

Lot/Heat Number

Lot/Heat Type

Represented Quantity
350.000

Represented Quantity Units

Remarks
0

Sample Date
06/17/2022

Sample Status
Complete

Sample Type
VER - Verification

Acceptance Method
ACCP - KDOT Tests And/Or Field Inspection

Authorized By
WTSYSTEMUSER

Authorized Date
01/04/2024

Revised By



1) Verify the Sample Record has been authorized

**Notify the KDOT Construction
Office once this test is complete.
Include the Sample Record
Number**