

CONCRETE CYLINDERS USER GUIDE (FIELD)

The following user guide is to be performed after you put in your Plastic Properties results in for your Concrete Test.

Enter Test Results Maintain Test Queue Review Samples Review Tests Sample Record ← Click "Sample Record".

Sample Record Test Summary

Save Complete X

Sample Record ID: slade20210708072354 Save ?

Test Number: 1.0 Test Method - Description: PCC Plastic Tests - PCC Plastic Tests (KT-17, KT-18, KT-19, KT-20, KT-21)

- General
- Testers
- Reference Specifications
- Retests

Test Information

Test Status	Remarks
10 - Test in Queue	0
Priority	Planned Test Start Date
	<input type="text"/>
Default Test	Test Start Date
Yes	07/08/2021
Required Test	Estimated Completion Date
No	<input type="text"/>
Due Date	Actual Completion Date
<input type="text"/>	

Sample Information

Sample Type	Contract ID
ACC - Acceptance	519012161
Lab Unit	Source
D1A1 Field Lab - D1A1 Field Lab Unit (Horton)	CC160301 - CONCRETE MATERIALS (EL DORADO,KS PLANT)
Lab Reference Number	Sample Date
Test Result Value	Sample Record Remarks
PASS - PASS	0

Sample Record Summary

Sample Record: rickba20240820025527

1. Click the component action button.



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

Sample ID*
rickba20240820025527

Inspector Name
Q rickba
Rick Barezinsky

Sampled From
Truck

Geographic Area*
01 - DISTRICT 1 - TOPEKA

Material Code - Name
Q PCCPMainline
PCCP Mainline non-QC

Represented Quantity
25,000

Represented Quantity Units
Q CUYD
CUBIC YARD

Specimen Number

Mix Design Type
PCC Design Mix - PCC Design Mix Design

Mix Design ID
Q 1PMC216A
1PMC216A

Remarks

0

Sample Date
07/02/2024

Sample Status

In Testing

Sample Type
ACC - Acceptance

Acceptance Method
ACCP - KDOT Tests And/Or Field Inspection

Authorized By

Authorized Date

Revised By

Link To Related Sample ID
Q Begin typing to search or press Enter

Linked Related Sample ID

2. Click "Copy".

- Actions**
- Add New
 - Copy
 - Tasks
 - Authorize
 - Split Sample Record...
 - Unauthorize
 - Void
 - Views
 - Attachments (0)
 - Issues
 - Links
 - Reports
 - Sample Label
 - Test Results Report
 - Historical Reports
 - Test Results Report

Sample Record

Copy Sample Record

▼ Copy Sample Record ?

Progress: Lab Control Number Enter New Sample Info Select Data To Copy Select Sample Record Tests Confirm

1 Lab Control Number:

Action

Copy Lab Control Number Enter New Lab Control Number Select Existing Lab Control Number

Click the right arrow. →

Sample Record

Copy Sample Record

▼ Copy Sample Record ?

Progress: Lab Control Number Enter New Sample Info Select Data To Copy Select Sample Record Tests Confirm

2 Enter New Sample Info:

Sample ID*

1. Add specimen number to the end of the sample record name. DO NOT use spaces or special characters.

Lab Control Number

CNrickba-PCC Plastic Properties AV

Sample Date

2. Click the right arrow.



Sample Record

Copy Sample Record

▼ Copy Sample Record ?

Progress: Lab Control Number Enter New Sample Info **Select Data To Copy** Select Sample Record Tests Confirm

3 Select Data To Copy:

Select: All None

Copy Sample Record Remarks

Sources / Facilities

DSR Link

1. Uncheck "DSR Link", "Destination Lab", and "Contracts".

Sample Record Associations Other Than Destination Lab

Destination Lab

Contracts

Tests

Test Results

2. Click the right arrow. →

Sample Record

Copy Sample Record

▼ Copy Sample Record ?

Progress: Lab Control Number Enter New Sample Info Select Data To Copy **Select Sample Record Tests** Confirm

4 Select Sample Record Tests:

Sample Record Tests are not selected to copy.

Click the right arrow. →

Progress: Lab Control Number Enter New Sample Info Select Data To Copy Select Sample Record Tests **Confirm**

5 Confirm:

Sample ID

rickba202408200311435A

Lab Control Number

CNrickba-PCC Plastic Properties AV

Sample Date

07/02/2024

▼ Data Selected For Copy

Copy Sample Record Remarks

Yes

Sources / Facilities

Yes

DSR Link

No

Sample Record Associations Other Than Destination Lab

Yes

Destination Lab

No

Contracts

No

Tests

No

Test Results

No

▼ Tests

No rows found matching criteria.

▼ Test Results

No rows found matching criteria.

Click "Confirm".

Confirm



Sample Record Summary

There are unsaved changes.

3. Click "Save".

4. Click the "Associations" tab.

1. Change the Sample Type from "ACC" to "VER".

2. Enter the Specimen Number.

Sample Record: rickba202408200311435A

General

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

Sample ID*
rickba202408200311435A

Inspector Name
rickba
Rick Barezinsky

Sample Date
07/02/2024

Sample Status
Pending

Sample Type
ACC - Acceptance

Remarks
0

Sample Location

Sampled From
Truck

Geographic Area*
01 - DISTRICT 1 - TOPEKA

Material Code - Name
PCCPMainline
PCCP Mainline non-QC

Represented Quantity
25.000

Represented Quantity Units
CUYD
CUBIC YARD

Specimen Number
5

Mix Design Type
PCC Design Mix - PCC Design Mix Design

Mix Design ID
1PMC216A
1PMC216A

Remarks

Type*
GEN - General Remarks

Remark*
Strength: 5ABC Permeability: 5DEF

CTB - CERTIFICATION TYPE B
CTE - CERTIFICATION TYPE E
INF - Information
MPQ - MANUFACTURER PRE-QUALIFICATION
OFQ - Official Quality
OQA - Official Quality Assurance
PRE - PRELIMINARY
PRQ - Prequalification
QPS - Quality Production Sample
RSH - RESEARCH
VER - Verification

The screenshot shows a software interface for managing sample records. At the top, there are navigation tabs: Home, Previous, and My Pages. On the right, there are icons for Actions, Help, and Log off. Below the navigation, there are links for Overview, Find Sample, Maintain Test Queue, Receive at Destination Lab, Receive at Lab Unit, Review Samples, and Review Tests. The main heading is "Sample Record Summary" with a yellow notification bar that says "There are unsaved changes." Below this, a blue header bar shows the sample record ID: "Sample Record: rickba202408200311435A". On the right of this bar is a "Save" button and a help icon. A red box with the text "4. Click 'Save'." has an arrow pointing to the Save button. On the left, a sidebar contains tabs: General, Sources, Associations, Contract, Tests, Sample Location, and Additional Information. A red box with the text "5. Click the 'Contract' tab." has an arrow pointing to the Contract tab. The main content area has a message: "Sample Record: Test(s) may not be assigned to Sample Records without a Destination Lab association on the Associations tab." Below this is a search bar with the text "Type search criteria or press Enter". A red box with the text "1. Click 'New'. IF strength cylinders and permeability cylinders are going to 2 different labs, then click 'New' twice." has an arrow pointing to a "New" button. To the right of the "New" button, it says "2 added | 0 marked for deletion | 0 changed". Below the "New" button are two rows of association data. The first row has a "Destination Lab" dropdown menu with an arrow pointing to it from a red box with the text "2. Select 'Destination Lab' from the drop down." The search input next to it contains "District 1 Materials" and shows "District 1 Materials Lab" as a suggestion. A red box with the text "3. Enter the Lab(s) that will be testing the cylinders." has an arrow pointing to this search input. The second row has an "Association Type" dropdown menu with an arrow pointing to it from the same red box. The search input next to it contains "MRC" and shows "Materials and Research Center" as a suggestion. A red box with the text "3. Enter the Lab(s) that will be testing the cylinders." also has an arrow pointing to this search input.

Home Overview Sample R

Select Contract Project Item Line Numbers

524012151 ← Advanced Showing

1. Enter the Contract Number.

Select: All None 1 selected

Contract	Project	Project Item Line Nbr	Material Set
524012151 - GRADING & SURFACING	N 0734-01	22 - INLET (CURB)	INLET
524012151 - GRADING & SURFACING	N 0734-01	35 - STORM SEWER (30") (RCP)	Storm Sewer Pipe
524012151 - GRADING & SURFACING	N 0734-01	45 - SIDEWALK CONSTRUCTION (4") (AE)	Sidewalk and Sidewalk Ramps
524012151 - GRADING & SURFACING	N 0734-01	46 - SIDEWALK RAMP	Sidewalk and Sidewalk Ramps
524012151 - GRADING & SURFACING	N 0734-01	53 - CONCRETE (GRADE 4.0) (AE)	Concrete Grades
524012151 - GRADING & SURFACING	N 0734-01	107 - ELECTRIC LIGHTING SYSTEM	Electrical Lighting System
524012151 - GRADING & SURFACING	N 0734-01	77 - CURB AND GUTTER, COMBINED (AE)	Curb & Gutter Type Bid Items
✓ 524012151 - GRADING & SURFACING	N 0734-01	78 - CONCRETE PAVEMENT (4" UNIFORM) (AE) (PLAI	PCCP (Plain)
524012151 - GRADING & SURFACING	N 0734-01	79 - CONCRETE PAVEMENT (6" UNIFORM) (AE) (PLAI	PCCP Mainline non-QC
524012151 - GRADING & SURFACING	N 0734-01	80 - CONCRETE PAVEMENT (8" UNIFORM) (AE) (PLAI	PCCP Mainline non-QC
524012151 - GRADING & SURFACING	N 0734-01	81 - CONCRETE PAVEMENT (8" UNIFORM) (AE) (NRD	PCCP Mainline non-QC

0 changed

2. Select the Contract Line Number(s).

3. Click "Save". Save

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 successful

Sample Record: rickba202408200311435A 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... 0 marked for deletion | 0 changed

Contract

Contract Project Item Material Sets

Project	Item	Material Set Name
N 0734-01	013511 - CONCRETE PAVEMENT (4" UNIFORM) (AE) (PLAIN)	PCCP (Plain)

Fed St Proj Num	Proj Ln Num	Work Location	Remarks
STP-N073(401) / 052 N 0734-01	78		0

Work Location Material Unit

Begin typing to search or press Enter

Represented Quantity Satisfied Represented Quantity

175.00000

Remarks

Type*	Remark*

2. Click the "Tests" tab.

1. Note that you cannot enter a "Represented Quantity" because the Sample Type is "VER".

Sample Record Summary

Save successful x

Sample Record: rickba202408200311435A 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 System Default

Assign Tests

Click "Assign Tests".

0 marked for deletion | 0 changed

No rows found matching criteria.

Sample Record Maintain Test Queue

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.

Click the right arrow. →

Home Previous My Pages Actions Help Log off

Sample Record Maintain Test Queue

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:

1. Select the Tests to be run. IF only 1 test, then only select the one.

Note that the Destination Labs will be different if you choose more than one. In this example, make sure the KT-76 cylinders go to Physical Tests Concrete at the MRC and the Permeability cylinders go to District.

2. Click the right arrow.

Test Method	Test Description	Lab Unit	Autofinalize	Test Runs
KT-71	PCC, AVA	District 1 Materials Lab	Yes	1
KT-23	PCC, Flexural Strength	District 1 Materials Lab	Yes	1
KT-49	PCCP, Precast Girders, Coring	District 1 Materials Lab	Yes	1
✓ KT-76	PCC, Compressive Strength of Cylinders	Physical Tests Concrete	Yes	1
✓ Permeability	PCC Permeability- KT-73, KT-79, or AASHTO T 277	District 1 Materials Lab	Yes	1
PCC MA Gradations	MA Gradations (Combined) for PCC	District 1 Materials Lab	Yes	1

Sample Record Maintain Test Queue

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:

Type search criteria or press Enter Advanced Showing 5 of 5

Select: All None

0 selected

Test Method	Test Description	Lab Unit	Autofinalize	Test Runs
KT-49	PCCP, Precast Girders, Coring	Physical Tests Concrete	No	1
KT-76	PCC, Compressive Strength of Cylinders	Physical Tests Concrete	No	1
Permeability	PCC Permeability- KT-73, KT-79, or AASHTO T 277	Physical Tests Concrete	No	1
Permeability	PCC Permeability- KT-73, KT-79, or AASHTO T 277	Research Concrete	No	1
NUC_CALIBRATIONTEST	NUC CALIBRATION TEST FOR CALIBRATING TO PRODUC	District 1 Materials Lab	Yes	1

Click the right arrow. 

Sample Record Maintain Test Queue

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
KT-76	PCC, Compressive Strength of Cylinders	Physical Tests Concrete	Yes	1
Permeability	PCC Permeability- KT-73, KT-79, or AASHTO T 277	District 1 Materials Lab	Yes	1

Selected Optional Tests

0 changed

No rows found matching criteria.

Click "Confirm". 

Sample Record Summary

Save Complete



Sample Record: rickba20240820023631C1

Save ?

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

Material

PCCPMainline - PCCP Mainline non-QC

Sample Type

VER - Verification

Type search criteria or press Enter

System Default

Showing 2 of 2

Assign Tests

0 marked for deletion | 0 changed

Test Number	Test Method	Destination Lab	Lab Unit	MAA	Test Inst	Required	Default	
1.0	KT-76	MRC	Physical Tests Concrete	<input checked="" type="checkbox"/>		1 No	Yes	
Test Status		Reference Specification Selected						▼
05 - Test Assigned		No						
1.0	Permeability	District 1 Materials	District 1 Materials Lab	<input checked="" type="checkbox"/>		1 No	Yes	
05 - Test Assigned		No						▼

You are done. Cure and ship the cylinders per KT-22 and send them to the appropriate lab for testing along with the AWP paperwork.