

FIELD - Operations Inspector Performs Concrete Field Tests

Open the Maintain Sample Information window (main panel/Materials Management/Sampling and Testing/Sample Information) to create a new sample record. The system displays the **Basic Sample Data** panel.

Basic Sample Data		Addl Sample Data	Contract	Other	Tests
Smpl ID:	jj015631345155626	Status:	Logged		
Revised By:		Revising:		Sample Date:	01/28/13
Link To:		Link From:		Log Date:	04/05/13
Smpl Type:	Acceptance	Acpt Meth:	Acceptance		
Material:	604.01.001A	Class A, Concrete Mix			
Sampler:	jj04093	Waller, Jamie			
P/S:	IMI - Lebanon	39500004			
Type:	Producer/Supplier	City: No Address Found.			
Prod Nm:					
Mnfctr:	IMI - Lebanon	39500004			
Town:		Geog Area:	Region 3 - Davidson		
Intd Use:	Bridge 2 footer sta 210+45				
Repr Qty:	28.000	Cubic Yard	Lab Control Number: CNjj01563131S114620		
Auth By:		Auth Date:	00/00/00		
Lock Type:		Locked By:	jj01563		
			Lab Reference Number:		
			Lock Date: 4/5/2013 15:56:44		
HQ:	<input checked="" type="checkbox"/>				

We created the group of 'generic' concrete codes listed below to use when creating samples of concrete mix:

501.01.001CP	Class CP, Paving Concrete Mix
501.01.001CP-A	Class A, Paving Concrete Mix
501.01.001CP-S	CP Slipform, Concrete Mix
501.01.001PV	Class PV, Pervious Concrete Mix
501.01.001RCC	Class RCC, Roller Compacted Concrete Mix
604.01.001A	Class A, Concrete Mix
604.01.001D	Class D, Concrete Mix
604.01.001DS	Class D Surface, Paving Concrete Mix
604.01.001L	Class L, Concrete Mix
604.01.001S	Class S, Concrete Mix
604.01.001SCC	Self Consolidating Concrete
604.01.001SF	A Slipform, Concrete Mix
604.01.001X	Class X, Concrete Mix
604.01.00SH_SCC	Drilled Shaft - Self Consolidating Conc

In the **Intd Use** field note the location where represented material was used on the job (in case cylinders fail and/or cores need to be taken). If the field is not big enough for locations details, use the remarks field (Icon at top of window) to give location details. In the **Repr Qty** field, type the overall quantity the sample represents. In the **Geog Area** field, select the Region and County where the sample is being taken.

Click the **Addtl Sample Data** tab. The system displays the **Addtl Sample Data** panel. Fields that require data are marked with green boxes.

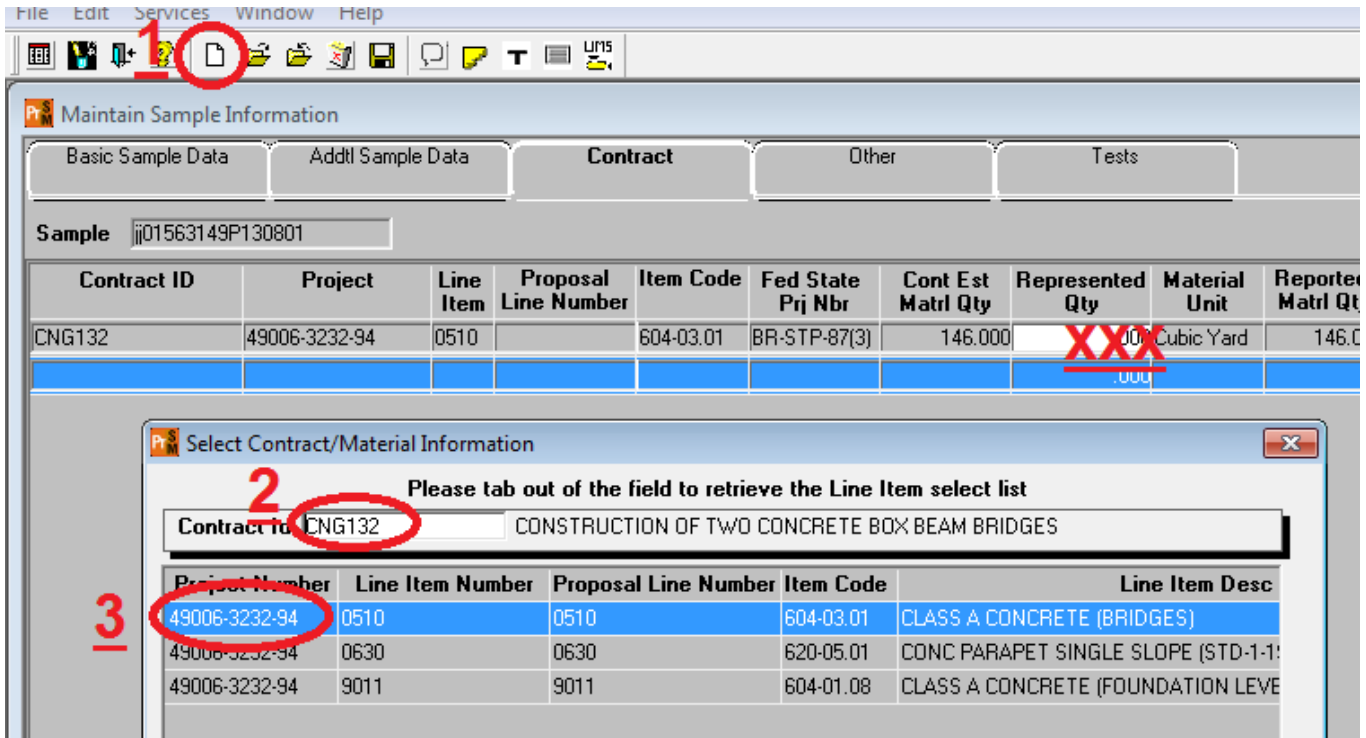
Basic Sample Data	Addtl Sample Data	Contract	Utter	Tests
Smpl ID: j0156314AH110236	Buy American: <input type="checkbox"/>			
Reqst By:			Witnessed By:	
Smpl Size: 1	Cubic Yard			
Dist from Grade:				
Station: 98+35	Offset: 12'		Reference: Left	
Smpl From:				
Smpl Origin:				
Control Type:		Ctrl Number: 123,A,B (3500)	Seal Number:	
Design Type: PCC		Mix ID: 714002		
Plant ID:			Plant Type:	
Creator User ID: j01563	Include Standard Remarks: <input type="checkbox"/>	Sample Created from DWR: <input type="checkbox"/>	DWR Date: 00/00/00	
Last Modified User ID: j01563	Last Modified Date: 10/17/14	DWR Inspector:		

Mix ID field, **Warning!** The mixes available are all approved and associated to the selected material code, but are not filtered by any contract. Confirm the mix ID against paperwork and the Contract Mixes window.

If cylinders are to be made, enter the cylinder numbers in the **Control Number** field. Example: 234,A,B

Note: Although it is a rare occurrence, if the concrete mix design has a 'Required Average Minimum Strength' greater than the standard 3000 or 4000 psi, note the required strength in parenthesis after the cylinder numbers for the Lab Tech and Lab Supervisor performing and approving tests. Example: **234,A, B (3500)**

Click the **Contract** tab. The system displays the **Contract** panel.

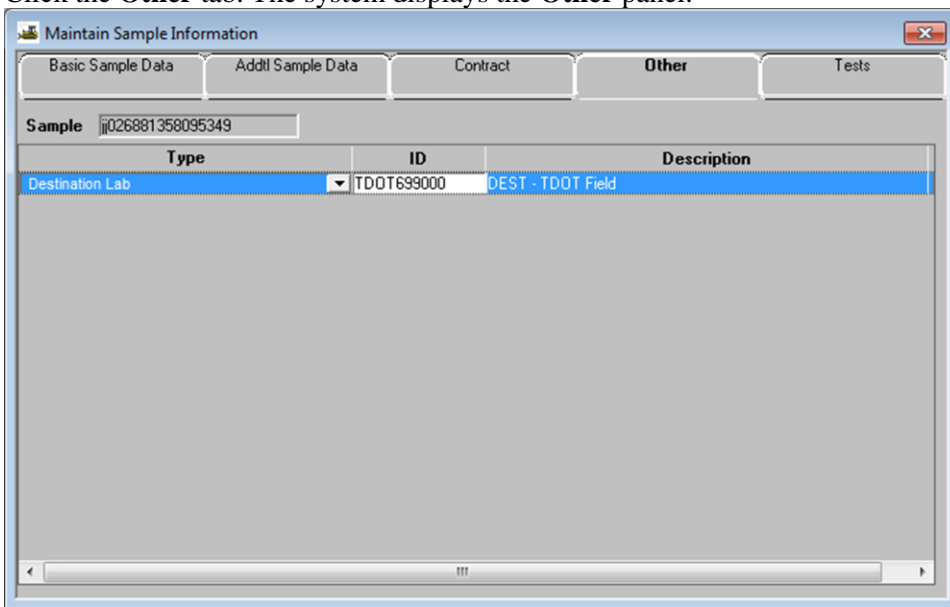


Now, record the contract items that the sample represents.

- 1 On the toolbar, click **New**. Then,
- 2 search for and select the desired contract
- 3 select the desired contract line item(s)

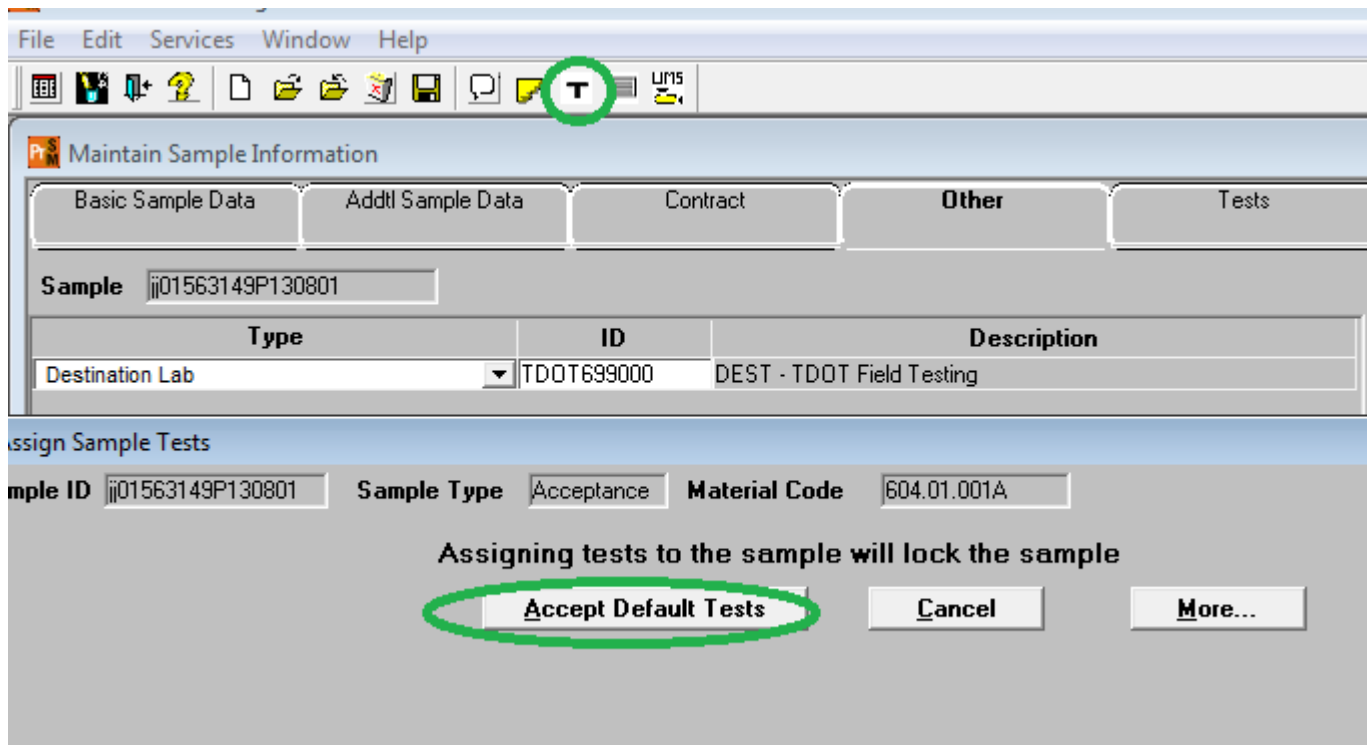
Warning! Do not enter a quantity. The quantity to be paid is entered in a DWR. The material has a rate/frequency of testing linked to it, and entering a quantity here will possibly cause a shortage of test results resulting in money being withheld.

Click the **Other** tab. The system displays the **Other** panel.



In the **Type** dropdown list, select **Destination Lab**. In the **ID** field, search for and select **DEST - TDOT Field Testing**. Save.

Now, assign tests.



On the toolbar, click the **Open Assign Tests** button. The system displays the Assign Sample Tests window.

Click the **Accept Default Tests** button. The system associates 'M016 - Field Tests of Freshly Mixed Concrete' to the sample record.

You are now ready to either navigate to LIMS and enter test results or copy sample to prepare sample for cylinders.