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Entering Samples Using RFID

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Topics

- How to Enter a Sample Using a Scanner
- How to Enter a Sample Using the Ipad
- How to Tag Your Sample Before Delivering to the Lab
- Precast Lookup in the Field
- Going Forward



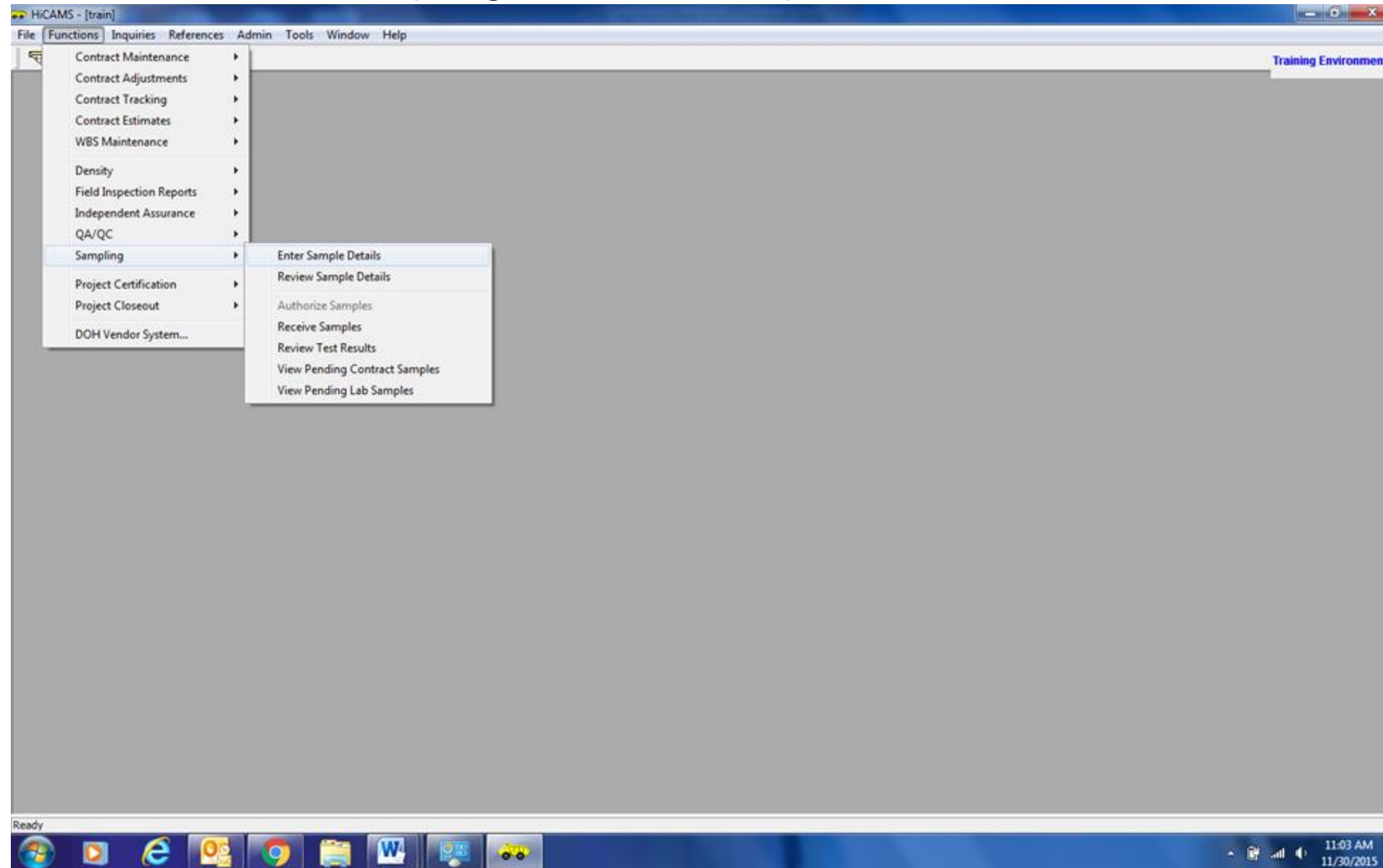
How to Enter a Sample Using a Scanner:

1. Begin by logging into Hicams:



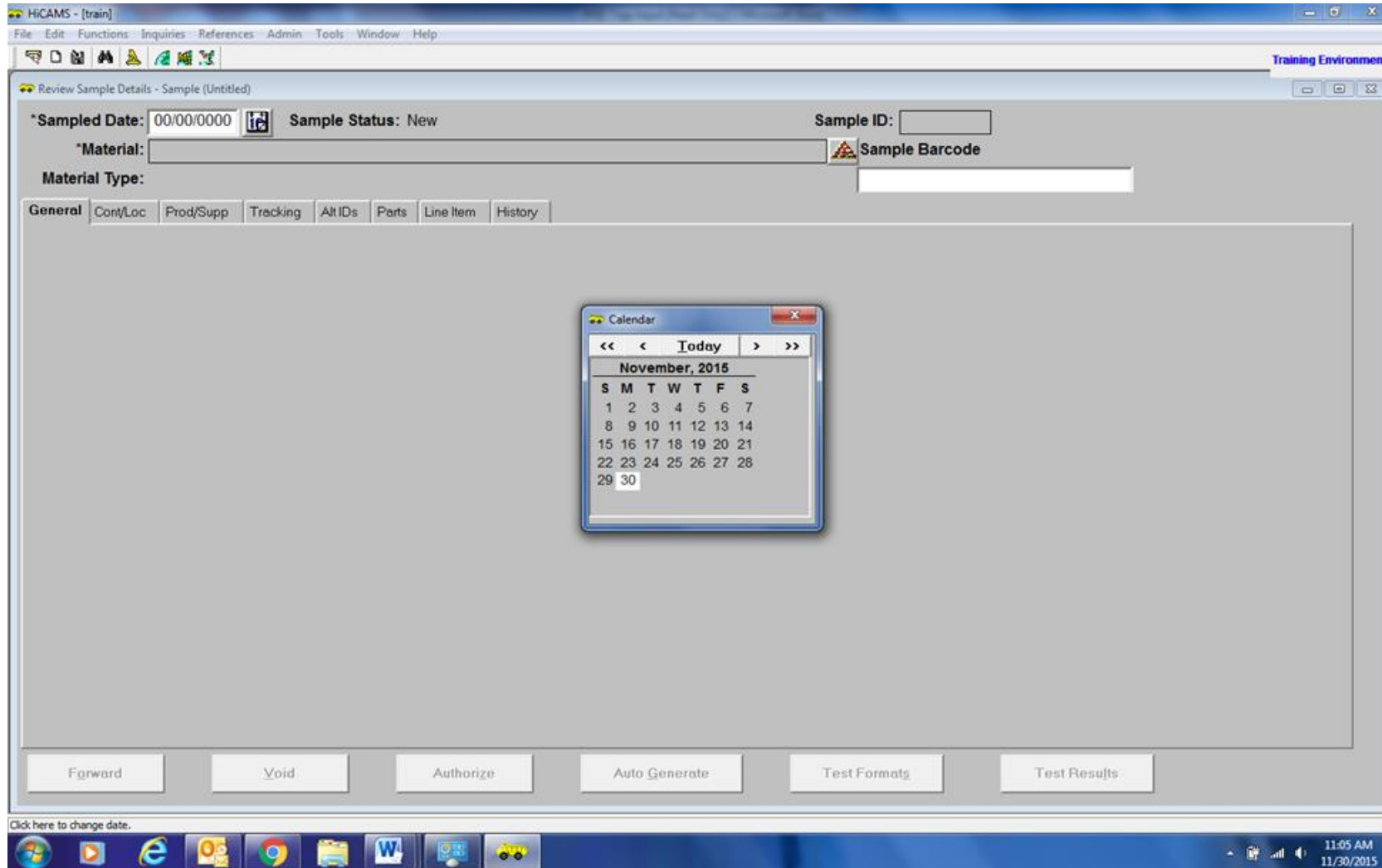
How to Enter a Sample Using a Scanner:

2. Go to Functions → Sampling → Enter Sample Details:



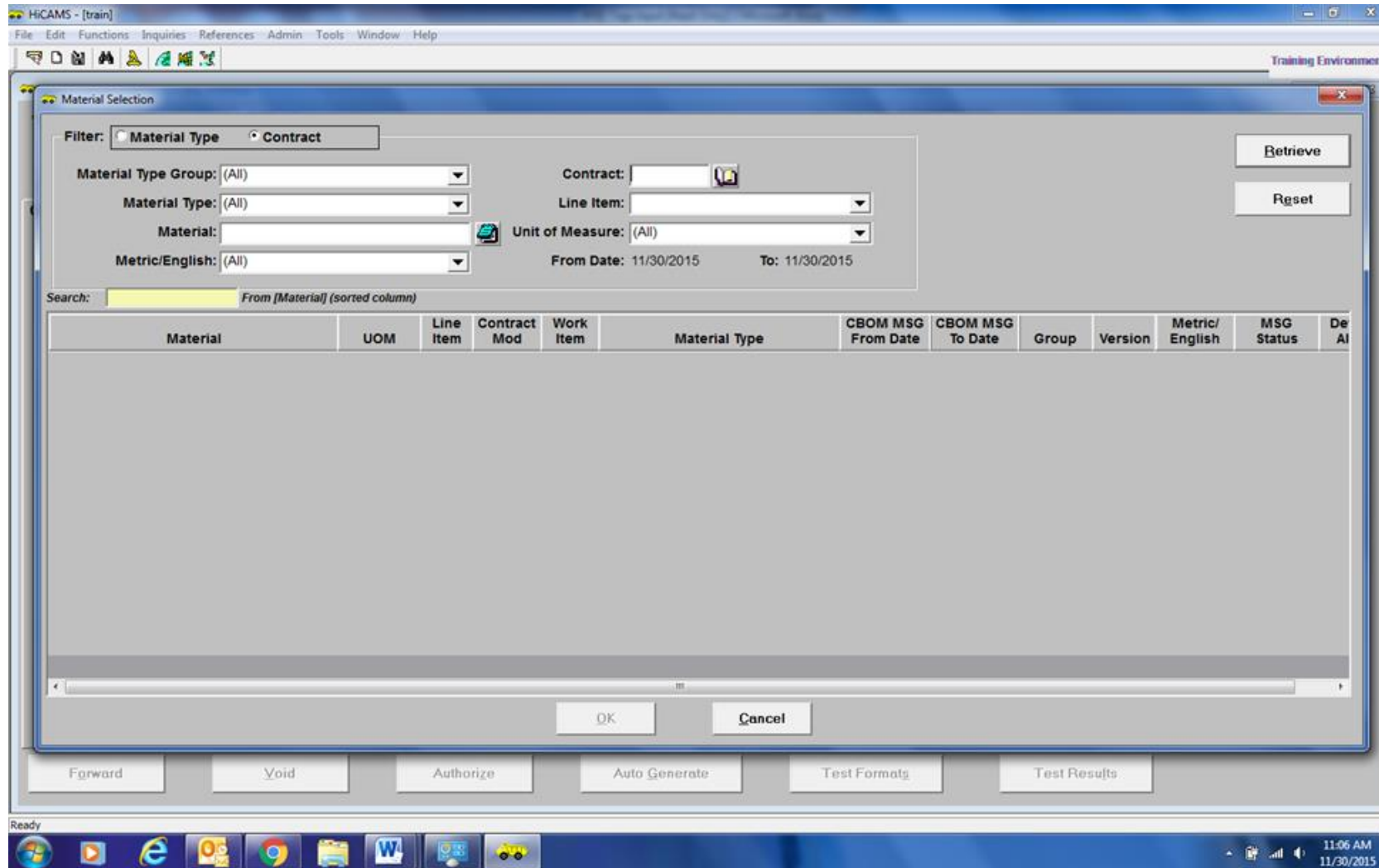
How to Enter a Sample Using a Scanner:

3. Enter Date Sampled (like normal):



How to Enter a Sample Using a Scanner:

4. Enter Material Information (like normal):



How to Enter a Sample Using a Scanner:

5. Once the sample window opens the cursor should automatically pop up in the Sample Barcode field:

The screenshot displays the HiCAMS software interface for reviewing sample details. The window title is "Review Sample Details - Sample (Untitled)". The interface includes a menu bar (File, Edit, Functions, Inquiries, References, Admin, Tools, Window, Help) and a toolbar. The main form contains the following fields and sections:

- Sample Information:** *Sampled Date: 11/30/2015, Sample Status: New, Sample ID: [empty], *Material: Coarse Aggregate, New Source, Material Type: Aggregate - New Source Evaluation (ver 3.03).
- Barcode Field:** Sample Barcode [empty] (highlighted with a red arrow).
- General Section:** *Sample Owner: [dropdown], *Testing Category: [dropdown], +Contract: [empty], Field ID: [empty], WBS: [empty], PO / Other ID: [empty], Auth Lab: Physical Lab, +Related Sample ID: [empty], +IA Correlat. Field ID: [empty], Sample Freq: [empty], UOM: Tons, # of Pieces: [empty], *Represented Qty: .000, Avail Qty: .000, QC Sample ID: [empty], To be used in: [empty], Comment: [empty].
- Disposition Section:** Accepted Qty: .000, Pay Adjusted Qty: .000, Removed Qty: .000, Checked by Sample: [empty].
- Sample Frequency Comments:** Must have produced and stockpiled at least 200 tons of material before NCDOT will sample it.

At the bottom of the window, there are several buttons: Forward, Void, Authorize, Auto Generate, Test Formatg, and Test Results. The Windows taskbar at the bottom shows the system tray with the date 11/30/2015 and time 11:07 AM.

How to Enter a Sample Using a Scanner:

- Using a scanner, scan the tag & the barcode will go directly in the field:

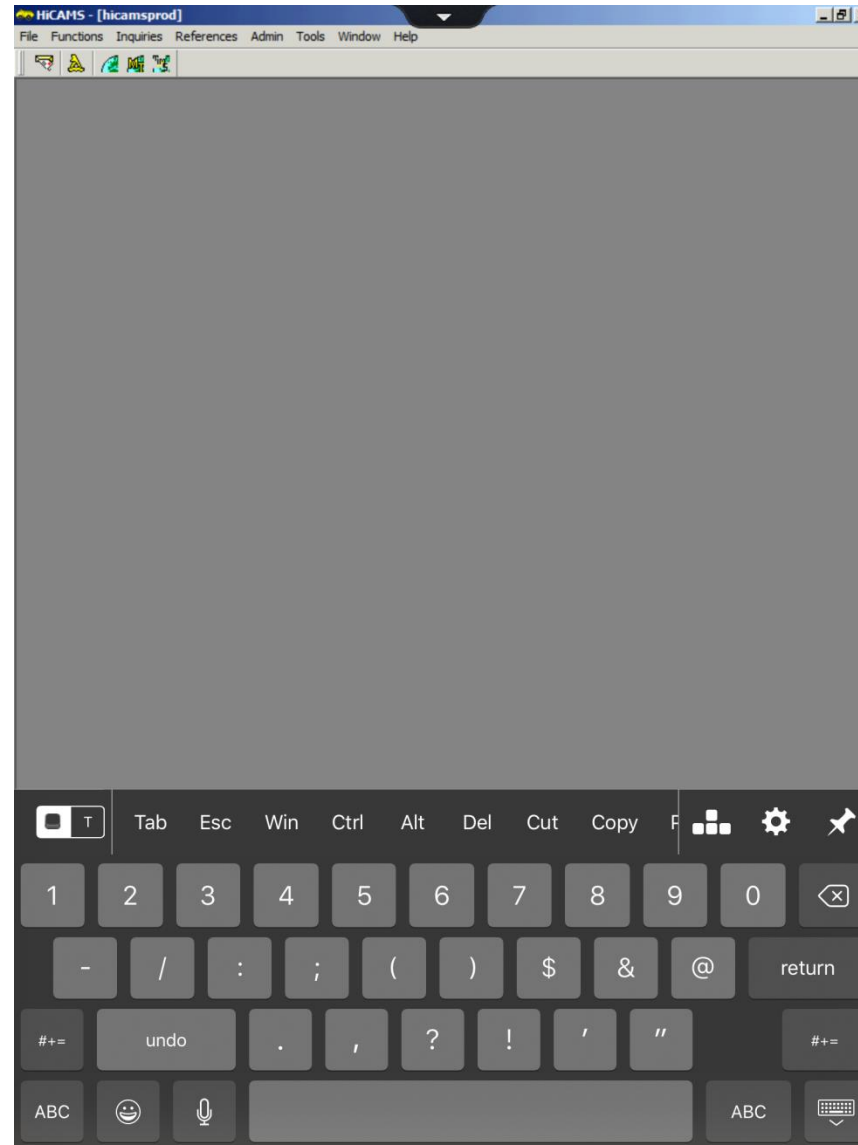
A screenshot of the HICAMS software interface. The window title is "HICAMS - [train]". The menu bar includes File, Edit, Functions, Inquiries, References, Admin, Tools, Window, and Help. The main window is titled "Review Sample Details - Sample (Untitled)". The interface contains several fields and sections:

- Sampled Date:** 11/30/2015
- Sample Status:** New
- Material:** Coarse Aggregate, New Source
- Material Type:** Aggregate - New Source Evaluation (ver 3.03)
- Sample Barcode:** 1C01270000000000000028453 (highlighted with a red arrow)
- Sample ID:** (empty field)
- Sample Owner:** (dropdown menu)
- Testing Category:** (dropdown menu)
- Check Sample:** (checkbox)
- +Related Sample ID:** (empty field)
- +IA Correlat. Field ID:** (empty field)
- # of Pieces:** (empty field)
- QC Sample ID:** (empty field)
- To be used in:** (empty field)
- Comment:** (text area)
- +Contract:** (empty field)
- Field ID:** (empty field)
- WBS:** (empty field)
- PO / Other ID:** (empty field)
- Auth Lab:** Physical Lab
- Sample Freq:** (empty field)
- UOM:** Tons
- *Represented Qty:** .000
- Avail Qty:** .000
- Sample Frequency Comments:** Must have produced and stockpiled at least 200 tons of material before NCDOT will sample it.
- Disposition:**
 - Accepted Qty: .000
 - Pay Adjusted Qty: .000
 - Removed Qty: .000
 - Checked by Sample: (empty field)

At the bottom of the window, there are several buttons: Forward, Void, Authorize, Auto Generate, Test Formats, and Test Results. The Windows taskbar at the bottom shows the date and time as 11:14 AM on 11/30/2015.

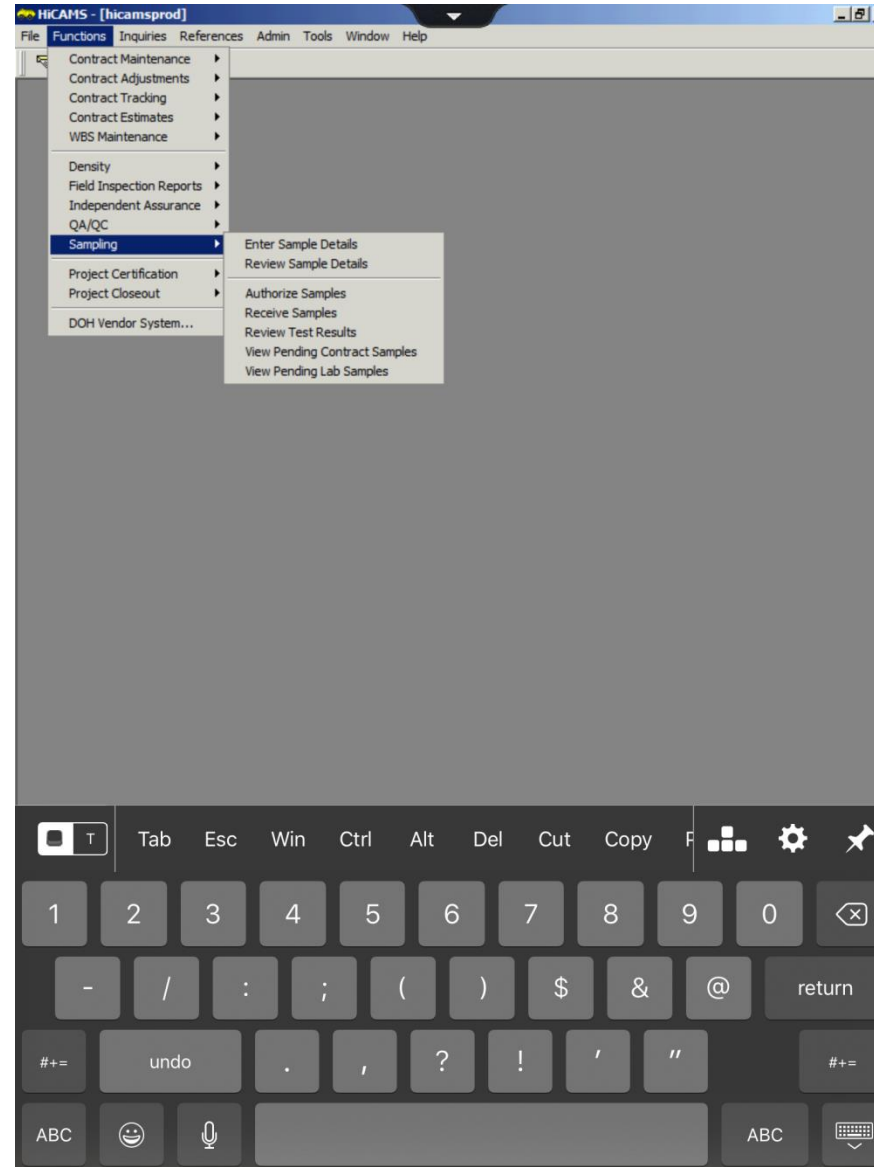
How to Enter a Sample Using an Ipad:

1. Open Hicams:



How to Enter a Sample Using an Ipad:

2. Go to Functions → Sampling
→ Enter Sample Details:



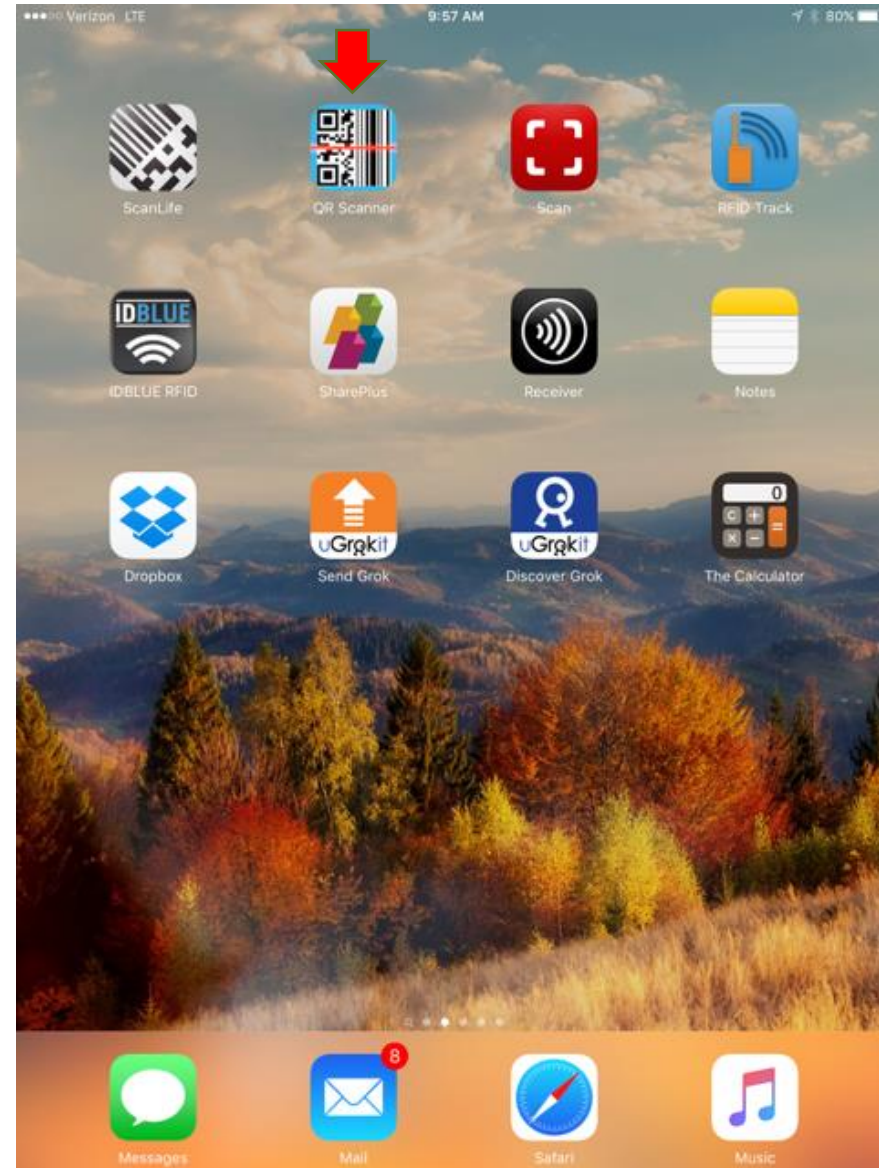
How to Enter a Sample Using an Ipad:

3. Once your initial sample screen comes up you can go ahead and click in the Sample Barcode field:



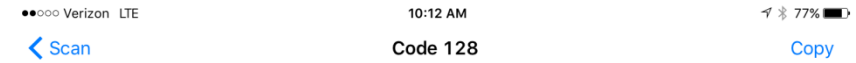
How to Enter a Sample Using an Ipad:

4. Minimize the Hicams screen and go to your scanning app. There are several available however “QR Scanner” App works well:

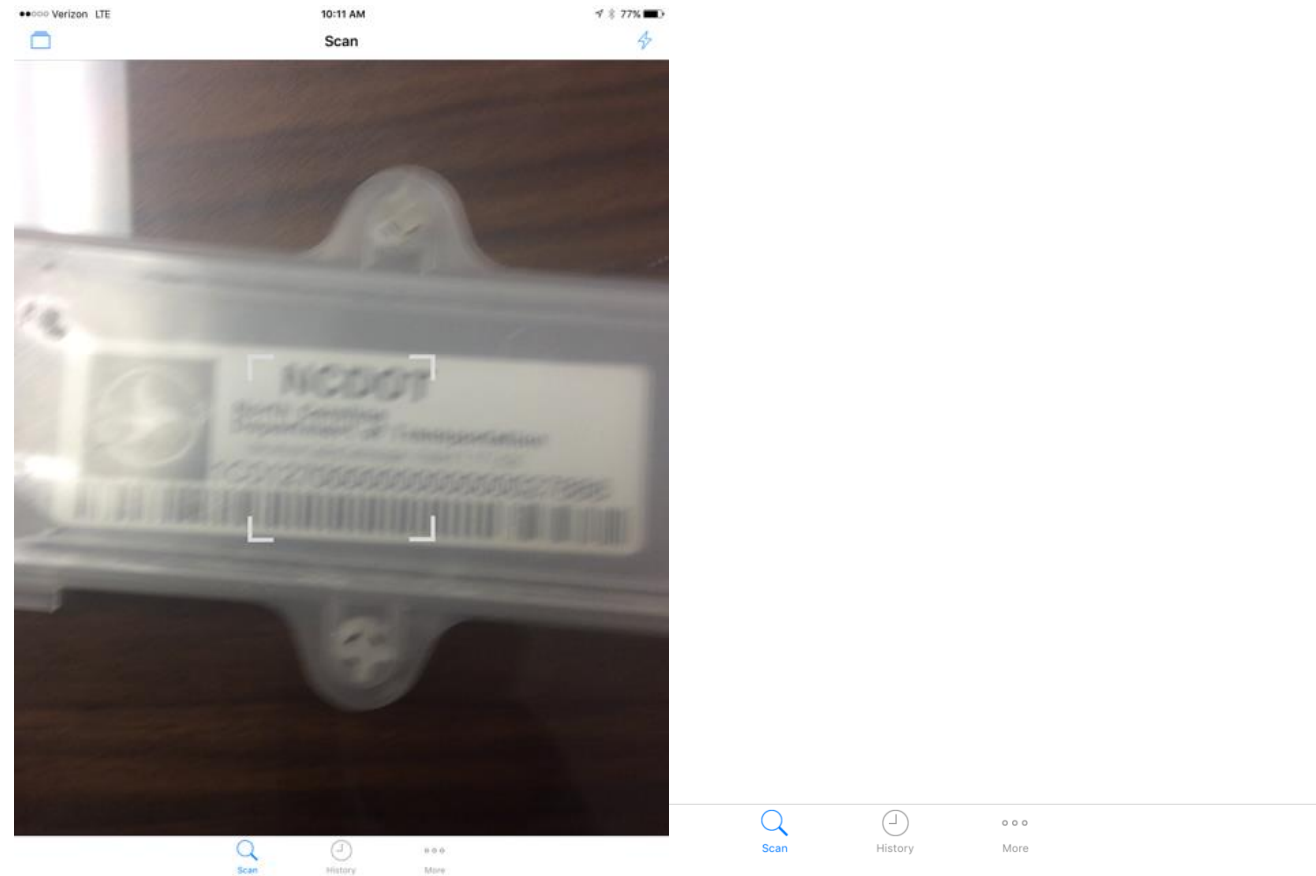


How to Enter a Sample Using an Ipad:

5. Next scan the tag (it will come up like you are taking a picture) and the barcode will appear on the screen, then copy the number using the “copy” button:



1C0127000000000000027886



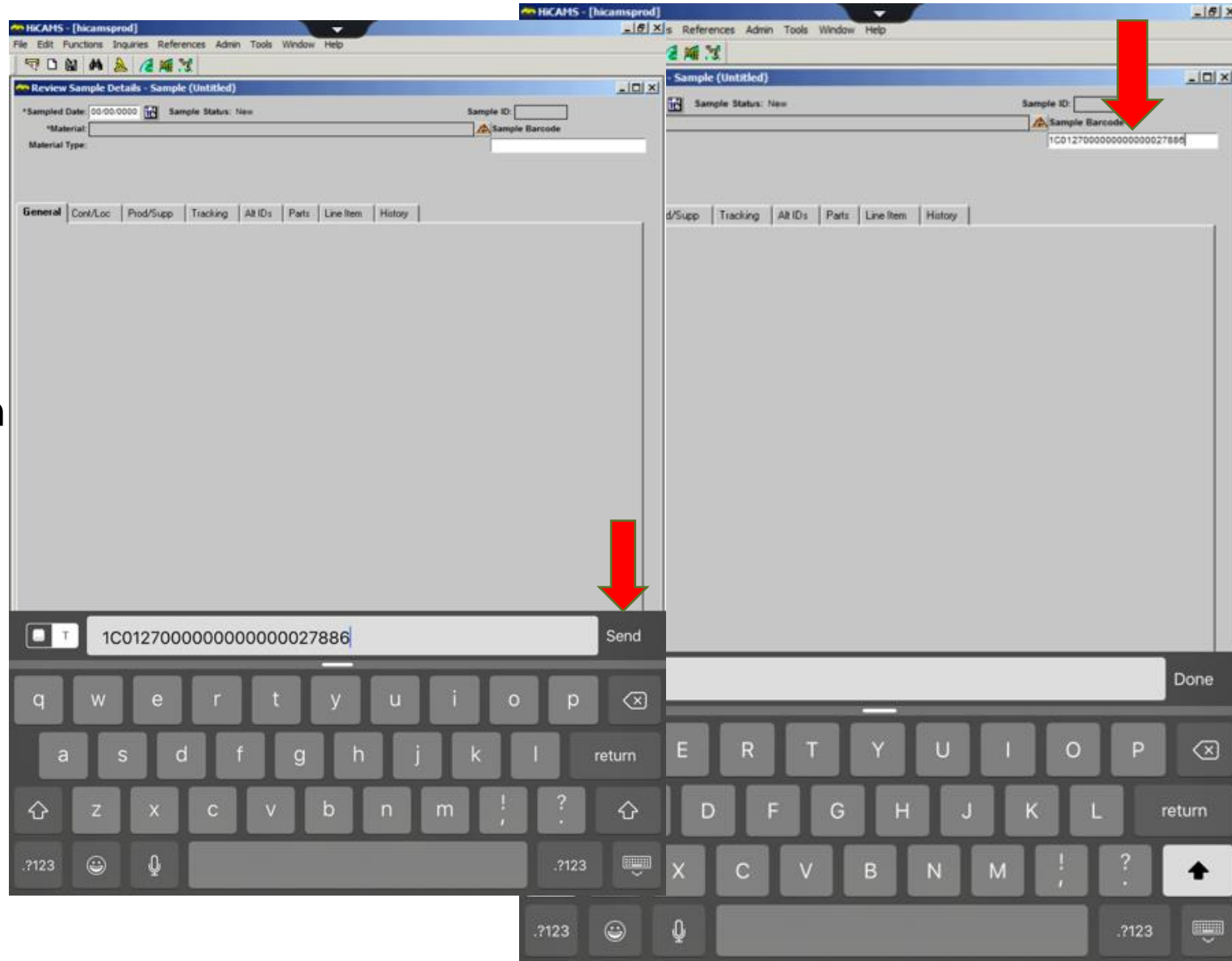
How to Enter a Sample Using an Ipad:

6. Go back into Hicam and click the Sample Barcode field, then hold the text field for a second until “Select, Select All, Paste” comes up:



How to Enter a Sample Using an Ipad:

7. Select Paste and the barcode will come up in the field, then press the send button to the right to send it to the "Sample Barcode" field at the top.
8. Once this is complete you can enter your information like normal.



How to Tag Your Samples:

- When attaching your tags to a sample please remember these key points:
 - Make sure the tag is **securely** attached to the sample (rubber bands, zip ties, wire, etc.)
 - Make sure the tag is **visible**
 - Make sure **all** your information has been entered



Ways to Attach the Tag to the Bag:



Precast Lookup in the Field

Go to the following website:

<https://apps.ncdot.gov/vendor/approvedproducts/PrecastLookup.aspx>

(Same place you find Approved Producers/Suppliers)

Place the cursor in the Precast Concrete ID/Barcode field.

The screenshot displays the NCDOT Precast Lookup web application. The browser window title is 'NCDOT Vendor Approved'. The URL in the address bar is 'https://apps.ncdot.gov/vendor/approvedproducts/PrecastLookup.aspx'. The page features a blue header with the NCDOT logo and the text 'NCDOT NORTH CAROLINA DEPARTMENT OF TRANSPORTATION Connecting people, products, and places safely and efficiently with customer focus, accountability and environmental sensitivity to enhance the economy and vitality of North Carolina.' Below the header is a yellow navigation bar with links for 'Business', 'DMV', 'Newsroom', 'Programs', 'Projects', and 'Travel & Maps'. A dark blue sidebar on the left is titled 'Approved Resources' and lists several options, with 'Precast Lookup' highlighted. The main content area is titled 'Business » Precast Lookup' and contains a search form with the label 'Precast Concrete ID/Barcode:' and a text input field. A red arrow points to the input field. Below the input field are 'Search' and 'Reset' buttons. The footer of the page includes '© Copyright NCDOT', 'NCDOT Home', 'NC.gov', 'Accessibility', and 'Privacy Statement'. The Windows taskbar at the bottom shows the time as 8:11 AM on 12/10/2015.

Precast Lookup in the Field

Scan the barcode and click search.

It will either say that nothing was found OR

The screenshot shows a web browser window displaying the NCDOT Precast Lookup application. The URL is <https://apps.ncdot.gov/vendor/approvedproducts/PrecastLookup.aspx>. The page header includes the NCDOT logo and navigation links for Home, About, Careers, Contact, and Search. A yellow navigation bar contains links for Business, DMV, Newsroom, Programs, Projects, and Travel & Maps. On the left, a sidebar lists 'Approved Resources' including Product Listing, Seeds, Producer/Supplier, Technician Certification, Minimum Sampling Guide, and Precast Lookup. The main content area is titled 'Business » Precast Lookup' and features a search form with the label 'Precast Concrete ID/Barcode:'. The input field contains the ID '1C0127000000000000028597'. A red arrow points to the 'Search' button. Below the search form, a message in red text states: 'No records matched your search criteria.' The footer of the page includes copyright information for NCDOT and links to NCDOT Home, NC.gov, Accessibility, and Privacy Statement. The Windows taskbar at the bottom shows various application icons and the system clock indicating 11:53 AM on 12/10/2015.

Precast Lookup in the Field

It will give you the precast piece you were looking for with the FIR Status.

NCDOT NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
Connecting people, products, and places safely and efficiently with customer focus, accountability and environmental sensitivity to enhance the economy and vitality of North Carolina.

Business » **Precast Lookup**

Precast Concrete ID/Barcode:

Report Type	FIR Report ID	FIR Status	Alt ID Type	Alt ID Status	Qty Available	Producer/Facility/Plant ID	Material	Inspector	Inspection Date	Contract Nbr
Precast Concrete	50939	Authorized	Piece	Available	1.000	Concrete Pipe and Precast, LLC - Concrete Pipe and Products - Dunn - PC12		Bobby W. Watkins	2/26/2014 12:00:00 AM	
Precast Concrete	50939	Authorized	Piece	Available	1.000	Concrete Pipe and Precast, LLC - Concrete Pipe and Products - Dunn - PC12		Bobby W. Watkins	2/26/2014 12:00:00 AM	
Precast Concrete	50939	Authorized	Piece	Rejected	0.000	Concrete Pipe and Precast, LLC - Concrete Pipe and Products - Dunn - PC12		Bobby W. Watkins	2/26/2014 12:00:00 AM	
Precast Concrete	51081	Authorized	Piece	Available	1.000	Concrete Pipe and Precast, LLC - Concrete Pipe and Products - Dunn - PC12		Bobby W. Watkins	3/5/2014 12:00:00 AM	
Precast Concrete	51081	Authorized	Piece	Available	1.000	Concrete Pipe and Precast, LLC - Concrete Pipe and Products - Dunn - PC12		Bobby W. Watkins	3/5/2014 12:00:00 AM	
Precast Concrete	51081	Authorized	Piece	Available	1.000	Concrete Pipe and Precast, LLC - Concrete Pipe and Products - Dunn - PC12		Bobby W. Watkins	3/5/2014 12:00:00 AM	
Precast Concrete	51081	Authorized	Piece	Available	1.000	Concrete Pipe and Precast, LLC - Concrete Pipe and Products - Dunn - PC12		Bobby W. Watkins	3/5/2014 12:00:00 AM	
Precast Concrete	51081	Authorized	Piece	Available	1.000	Concrete Pipe and Precast, LLC - Concrete Pipe and Products - Dunn - PC12		Bobby W. Watkins	3/5/2014 12:00:00 AM	
Precast Concrete	49263	Authorized	Piece	Available	1.000	Concrete Pipe and Precast, LLC - Concrete Pipe and Products - Dunn - PC12		Bobby W. Watkins	11/14/2013 12:00:00 AM	
Precast Concrete	49263	Authorized	Piece	Available	1.000	Concrete Pipe and Precast, LLC - Concrete Pipe and Products - Dunn - PC12		Bobby W. Watkins	11/14/2013 12:00:00 AM	
Precast Concrete	49263	Authorized	Piece	Available	1.000	Concrete Pipe and Precast, LLC - Concrete Pipe and Products - Dunn - PC12		Bobby W. Watkins	11/14/2013 12:00:00 AM	
Precast Concrete	51989	Authorized	Piece	Available	1.000	Concrete Pipe and Precast, LLC - Concrete Pipe and Products - Dunn - PC12		Bobby W. Watkins	4/23/2014 12:00:00 AM	
Precast Concrete	49262	Authorized	Piece	Available	1.000	Concrete Pipe and Precast, LLC - Concrete Pipe and Products - Dunn - PC12		Bobby W. Watkins	11/14/2013 12:00:00 AM	

Going Forward

- Transition period
 - Over the next few months we ask you create both a **sample card** and **attach a RFID tag**
 - Allows Labs time to create an accurate tracking system
 - Ensure no samples get lost/have time delays
 - Patience
 - We know it will be a little more tedious in the beginning but it will get better with time
 - Any questions feel free to call:
 - Your Section Materials Specialist or Area Materials Engineer
 - OR call Randy Pace, Cabell Garbee, Walton Jones or Jess Earley @ 919-329-4200



Questions?

