

Concrete Field and Cylinder Casting Samples - DWR App

Select **Contract**

Click **MATERIALS** on toolbar

Select **Date** from calendar

Choose **SAMPLES** or **REQUIREMENTS**

- **SAMPLES**

Click + **Add Material**

Scroll to find **Material Code**

Clicking on the **Material Code** begins the Sample

OR

- **REQUIREMENTS**

Click **Lookup work item**

Scroll to find **Item Code**

Clicking on the **Item Code** displays required tests for the item selected

Clicking **Create Sample** begins the Sample

Concrete Field Test

Record **Sample ID** onto Concrete Daily Plant Report

SAMPLE DETAILS

Select **Sampled By**

Record **Represented Quantity**

Record **Cylinder Numbers**

When Required Average Minimum Strength is NOT 3000 or 4000, note the required strength in parentheses.

Example: 12 / 12 A (3500)

VENDORS

Select **Producer/Supplier**

Select **Design Type**

Select **Mix Id**

LOCATION

Select **Geographic Area** (Choose Region AND County)

Record **Sampled From** location

Record **Station, Offset, Offset Distance, Distance From Grade and From Grade Unit**, information as applicable

ITEMS

Select **Item(s)** associated with the test(s)

TESTS

Choose **DEST – TDOT Field** for Destination Lab

Select test(s)

REMARKS and ATTACHMENTS (Optional)

Add **REMARKS** and / or **ATTACHMENTS** if applicable, to add additional information regarding the Sample

LIMS

Select **Send to LIMS**

SAVE

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Concrete Cylinder Castings

Return to **SAMPLE DETAILS**

Click **Copy Sample** icon

Select **Yes** to Copy Lab Control Number

Record **Sample ID** onto Concrete Cylinder Test Report

Edit **Cylinder Numbers** field (if necessary)

When Required Average Minimum Strength is NOT 3000 or 4000, note the required strength in parentheses.

Example: 12 / 12 A (3500)

Record **Date Transported to Wet Curing**



TESTS

Choose **DEST – Headquarters/Receiving Dock**

Select test(s)

REMARKS and ATTACHMENTS (Optional)

Add **REMARKS** and / or **ATTACHMENTS** if applicable, to add additional information regarding the Sample

LIMS

Select **Send to LIMS**

SAVE

After the next Sync, your sample will be available for Headquarters to receive and enter LIMS results

Quick Reference Guides (QRGs) developed by Materials & Tests can be seen here:

<https://www.tn.gov/tdot/materials-and-tests/field-operations/site-manager-materials.html>