

**2025 Concrete Batcher Yearly Assessment/On-Site Evaluation**

**Select one of the following:**

**Assessment:** (Active Batchers: to be conducted Once per Calendar Year, and email to Roman Loshinskiy.)

**Evaluation:** (Batchers: to be conducted after Batch School, and email to Lorena Castaneda Alvarado,

Curtina Reynolds and Sandra Williams)

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| **Assessment Date: Click or tap to enter a date.** | **Batcher Name:** |
| **Batch Certification Number:** | **Certification expiration date:** |
| **Producer Name & Location:** | **NCDOT State Plant #** |
| **For On-Site Evaluation School Date:** | **School Location:** |

The batcher must successfully complete or demonstrate the correct operations with regards to NCDOT specifications and/or policies.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Operation** | | **Trial 1** | | | **Trial 2** | | |
|  | | **Pass** | **Fail** | **N/A** | **Pass** | **Fail** | **N/A** |
| 1 | Perform fine aggregate (FA) moisture determination: |  | | |  | | |
| * *Representative Sample was obtained from the area of use.* | |  |  |  |  |  |  |
| * *A sample size obtained in not less than the minimum required.* | |  |  |  |  |  |  |
| * *The Wet weight of the sample was correctly determined.* | |  |  |  |  |  |  |
| * *The sample was correctly and uniformly dried throughout.* | |  |  |  |  |  |  |
| * *The Dry weight of the sample was correctly determined.* | |  |  |  |  |  |  |
| * *Moisture content (Total and Free) calculation was correctly performed.* | |  |  |  |  |  |  |
| * *Ability to correlate moisture probe information with actual moisture data, if any.* | |  |  |  |  |  |  |
| * *Ability to adjust moisture probe information in the batching computer system, if required.* | |  |  |  |  |  |  |
| * *Ability to adjust FA moisture information within the batching system.* | |  |  |  |  |  |  |
|  | | | | | | | |
| 2 | Perform coarse aggregate (CA) moisture determination: |  | | |  | | |
| * *Representative Sample was obtained from the area of use.* | |  |  |  |  |  |  |
| * *A sample size obtained in not less than the minimum required.* | |  |  |  |  |  |  |
| * *The Wet weight of the sample was correctly determined.* | |  |  |  |  |  |  |
| * *The sample was correctly and uniformly dried throughout.* | |  |  |  |  |  |  |
| * *The Dry weight of the sample was correctly determined.* | |  |  |  |  |  |  |
| * *Moisture content (Total and Free) calculation was correctly performed.* | |  |  |  |  |  |  |
| * *Ability to adjust CA moisture information within batching system.* | |  |  |  |  |  |  |
|  | | | | | | | |
|  | | **Pass** | **Fail** | **N/A** | **Pass** | **Fail** | **N/A** |
| 3 | Demonstrate the ability to complete M&T form 250 |  |  |  |  |  |  |
|  | | | | | | | |
| 4 | How often should aggregate moisture tests be performed during a concrete production day? |  |  |  |  |  |  |
|  | | | | | | | |
| 5 | Routine duties: |  | | |  | | |
| * *Verify the producer & source (Mix Design & Actual) for the Cement.* | |  |  |  |  |  |  |
| * *Verify the producer & source (Mix Design & Actual) for the Pozzolan.* | |  |  |  |  |  |  |
| * *Verify the producer & source (Mix Design & Actual) for the FA.* | |  |  |  |  |  |  |
| * *Verify the producer & source (Mix Design & Actual) for the CA.* | |  |  |  |  |  |  |
| * *Verify the source (Mix Design & Actual) for the Water (Well or Municipal Source).* | |  |  |  |  |  |  |
| * *Verify the producer & type (Mix Design & Actual) for the Admixture.* | |  |  |  |  |  |  |
| * *Determine the maximum allowable water content for NCDOT concrete.* | |  |  |  |  |  |  |
| * *Verify the maximum allowable slump for NCDOT concrete.* | |  |  |  |  |  |  |
| * *The Max/Min amount of concrete allowed to be batched into a Mixer and/or Agitator.* | |  |  |  |  |  |  |
| * *Verify that Truck Mixers and/or Agitators do not contain any materials, including any type of water, in the drum prior to the batching operation* | |  |  |  |  |  |  |
| * *Keeping aggregate stockpiles above SSD condition all the time.* | |  |  |  |  |  |  |
|  | | | | | | | |
| 6 | Verify that quantities of approved Mix Design materials match the design weights of the appropriate materials in the batching system. |  |  |  |  |  |  |
|  | | | | | | | |
| 7 | Perform Concrete batching operation (if batching to an NCDOT project). |  |  |  |  |  |  |
|  | | | | | | | |
| 8 | Demonstrate the ability to complete and prepare M&T Form 903-V24. |  |  |  |  |  |  |
|  | | | | | | | |
| **Overall Score (Pass or Fail):** | |  |  |  |  |  |  |
|  | | | | | | | |

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| Comments: |

**I certify that I have not helped, coached, or interfered in any way with the Batcher during this Assessment/Evaluation.**

Evaluator: \_ Date: **Click or tap to enter a date.**

|  |  |
| --- | --- |
| OFFICE USE ONLY | |
| Date Evaluation received: | **Click or tap to enter a date.** |
| Date certificate granted: | **Click or tap to enter a date.** |

**MOISTURE IN AGGREGATES**

**Fine Aggregate:**

***Trial 1*** Time: \_     \_

Wet Wt. \_     \_ ***Minus*** Dry Wt. \_     \_

* **------------------------------------------------------------------------------------------------------------------------------------------------------------------------ =** \_     \_ **X** 100 = \_     \_ % Total Moisture

Dry Wt. \_     \_

* Total Moisture \_     \_ ***Minus*** Absorbed Moisture \_     \_ = \_     \_ % Free Moisture

***Trial 2***Time: \_     \_

Wet Wt. \_     \_ ***Minus*** Dry Wt. \_     \_

* **------------------------------------------------------------------------------------------------------------------------------------------------------------------------- =** \_     \_ **X** 100 = \_     \_ % Total Moisture

Dry Wt. \_     \_

* Total Moisture \_     \_ ***Minus*** Absorbed Moisture \_     \_ = \_     \_ % Free Moisture

**Coarse Aggregate:**

***Trial 1***  Time: \_     \_

Wet Wt. \_     \_ ***Minus*** Dry Wt. \_     \_

* **------------------------------------------------------------------------------------------------------------------------------------------------------------------------- =** \_     \_ **X** 100 = \_     \_ % Total Moisture

Dry Wt. \_     \_

* Total Moisture \_     \_ ***Minus*** Absorbed Moisture \_     \_ = \_     \_ % Free Moisture

***Trial 2***Time: \_     \_

Wet Wt. \_     \_ ***Minus*** Dry Wt. \_     \_

* **------------------------------------------------------------------------------------------------------------------------------------------------------------------------- =** \_     \_ **X** 100 = \_     \_ % Total Moisture

Dry Wt. \_     \_

* Total Moisture \_     \_ ***Minus*** Absorbed Moisture \_     \_ = \_     \_ % Free Moisture

Certified Technician:  Certification No.