



## Structural Concrete Materials (Material IDs 346, 350 and 353)

### A. Check to see that the following sample header is accurate:

- FDOT sample number
- Date Sample Taken is correct
- LOT number/s
- Structural Concrete Production Facility Id number is correct and is on the QC Plan
- Mix design number is correct and is on the QC Plan
- Sample MAC Spec category and type match the mix design category and type
  - If not, the sample must be deleted and reentered if mismatch is due to incorrect category/type except for Class I (3000 PSI) used under MAC Spec 350 for formed concrete pavement*** - mismatch can be ignored if the category/type is correct
- All samples in the comparison package have the same:
  - MAC Spec
  - Category/Type
  - Mix Design

**NOTE:** Do not return the sample for data correction if the Category, Type or Sample Purpose is incorrect. A new sample with the correct key fields must be created and the incorrect sample must be deleted.

### B. Check the following test data:

- Dates Tests Performed are correct
- All test results are properly reported and look reasonable
- The appropriate meter for the air content test has been selected
  - Whichever one that was selected makes the Tester active in that test method under IA Program
    - If the wrong meter was selected, return the sample for test corrections***
    - If you are not sure for QC samples, contact the QC Manager***
- If the air content was performed using a pressure meter, review the mix design to ensure that it has an aggregate correction factor

### C. Check to see that the following qualifications are valid. These would only be returned if the reason for the issue is data entry error. Do not return if the information that triggered the issue is correct:

- Level I Concrete Field Technician(s) that took the sample and tested the plastic properties is/are qualified
- Level I Concrete Lab Technician that performed compressive strength test is qualified
- Laboratory that performed the compressive test is qualified in the correct test method(s) (including end treatment method)
- Structural Concrete Production Facility has an accepted QC program with FDOT

### D. Other Verifications:

- Notes/remarks addressing abnormal situations are included
- Field and lab tests that are not performed have a note explaining the disposition of the material