

# FLORIDA DEPARTMENT OF TRANSPORTATION

## Instructions for the Asphalt IA Samples

(Instructions Revision Date: February 1, 2019)

- 1) Verify that three (3) sample boxes of asphalt were received.
- 2) Heat boxes for one 1½ hours at 320 degrees F.
- 3) Combine all three (3) sample boxes, roll, and reduce to appropriate sample sizes.
  - a. Two (2) gyratory samples.
    - i. Condition for one (1) hour at 320 degrees F – **4750** grams.
    - ii. Perform 7 gyrations at N initial, 75 gyrations at N design.
  - b. One (1) extraction / gradation (NCAT) – **1500** grams.
  - c. One (1) rice (Gmm).
    - i. Condition two (2) samples for 1 hour at 320 degrees F – between **1000** grams and **1100** grams.
    - ii. Use the  $G_{mm,dry}$  method with a correction factor of -0.003.
- 4) Enter the test results in MAC. Follow the MAC data entry IA proficiency samples instructions below.

The test report forms are available through the web address below in case you were not provided with one.

<https://www.fdot.gov/materials/quality/programs/independentassurance/profsampleprogram/proficiencyreports.shtm>

[IA Proficiency Sample Schedule](#) (The deadline date to enter your test results in MAC. It is under the “Test Reported By” column of the spreadsheet.)

[IA Data Entry for Proficiency Samples](#) (Instructions for entering proficiency sample test results in MAC.)