FLORIDA DEPARTMENT OF TRANSPORTATION
Instructions for the Asphalt IA Samples

(Instructions Revision Date: March 4, 2026)

1) Verify that three (3) sample boxes of asphalt were received.
The boxes are each marked with a color: Red, Green, Blue. Each sample set must contain one box of each color.

2) Heat boxes for 1½ hours at 320°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°F – **4,750** grams.
      ii. Perform 75 gyrations at N design.
   b. One (1) extraction / gradation (NCAT) – **1,500** grams.
   c. One (1) rice (Gmm).
      i. Condition two (2) samples for 1 hour at 320°F – between **1,000** grams and **1,100** 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.)