

*Performance Testing Sample
Quick Reference Guide*

- I. QC personnel molding QA samples
 - a. QC personnel molding QA specimens the same time they mold their specimens
 - b. MoDOT field inspectors shall witness sampling, splitting and molding process
 - c. MoDOT personnel will select the QA specimens to be submitted for testing
 - d. To ensure material represents what is being placed in the field
- II. Asphalt mix will be sampled at the plant
 - a. Follow safety protocols when sampling asphalt mix
- III. MoDOT field inspectors will acquire asphalt mix from the plant when QC personnel is molding QA specimens
 - a. Need to submit at least 4 boxes of loose mix to the Central Laboratory
 - b. Each loose mix box shall contain 50 +/- 3 lbs. of mix; larger samples will take longer to reheat thereby impacting test results
 - c. Approximate box dimension should be 13" x 13" x 4"
 - d. Sampling loose mix for research purposes
- IV. Specimens molded for QA shall be submitted to the Central Laboratory in 6" x 12" cylinder molds or a similar container
 - a. To prevent damaging the specimens during shipping
 - b. Legibly label the cylinder molds or similar container with the Sample ID, Mix ID, sample date, and the performance tests to perform (e.g. IFIT, Ideal CT or Hamburg)
- V. QA samples (molded specimens and boxes) must be delivered to the Central Laboratory within 7 days after sampling
 - a. Material experiences degradation with time
 - b. Striving to complete all testing within 21 days of sampling
- VI. Legibly label the side of each loose mix box with the Sample ID, Mix ID, sample date, and the performance tests to perform (e.g. IFIT, Ideal CT or Hamburg).
 - a. Top portion of box is removed and discarded during the reheating process
- VII. On the AWP sample record,
 - a. Enter a note emphasizing which performance tests are required (i.e. IFIT, Ideal CT or Hamburg)

- b. Testing will not begin until the sample information is entered into AWP including the remarks
 - c. Enter the QC weight utilized to mold the specimens in the field
- VIII. Results of the QA test results will be forwarded to the Field Office for review and approval

End of Quick Reference Guide