

Laboratory Assessment Preparation List

General Assessment Guidance: This document is intended to provide guidance for laboratories preparing for an AASHTO re:source On-Site Laboratory Assessment, specifically with regard to the preparation and availability of materials required for demonstration of the test method(s). Preparing for the assessment will improve the efficiency, productivity, and benefit of the assessment for the laboratory.

This document does not address all of the apparatus and procedural requirements which may be evaluated during the assessment. Please consult the applicable AASHTO or ASTM standard for specific requirements. The laboratory may elect to demonstrate the AASHTO, ASTM, or both versions of the test method. The laboratory should be prepared to present required apparatus and to perform the test method in its entirety. Please contact us at (240) 436-4900 if your laboratory has additional questions with regard to preparing for the On-Site Assessment.

| PTM | HOLA Assessment Preparation |
|--------------|---|
| 739 | Have an extraction (PTM 702) or ignition oven (PTM 757) sample prepared prior to the assessment or retain the sample completed during assessment demonstration. If a previously obtained sample is used, please retain records of all masses recorded for the various stages of the test. |
| 702 | Have a sample pre-heated if needed and be prepared to demonstrate the full extraction process and mineral matter determination on all solvent extract. Gradation analysis of the extracted aggregate is covered separately by test procedures PTM 739. |
| 715 | Have a dry, compacted or cored specimen at room temperature and bath at temperature. |
| T209m | Have a sample ready to be placed in the vacuum bowl. Be able to discuss the sample preparation procedures. Be prepared to demonstrate the vacuuming procedure, the weighing in water or weighing in air procedure, and be capable of completing all calculations at the conclusion of testing. |
| 716 | Have a dry, compacted or cored specimen at room temperature and the paraffin warming prior to the demonstration. |
| 757 | Have a dry pre-mixed asphalt sample ready to be weighed into the baskets and the oven pre-heated to test temperature. Be prepared to explain correction factor determination procedures and present correction factors determined using the laboratories own oven for the mix being used for testing. |

Records for the following equipment are required to be presented: balances, drying and heating ovens, thermometers (if applicable), ignition oven correction factors (if applicable), sieving sufficiency, and sieves. These items should be calibrated, standardized, or checked according to intervals in R18.