

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.

AASHTO	ASTM	Rock Assessment Preparation
	D3967	Have a rock core suitable for demonstration of splitting tensile strength.
	D4543	Have a rock core specimen ready to cut for demonstration.
	D4644	Have a sample of shale fragments available for slake durability testing. Be prepared to demonstrate sample preparation, SDI testing, and the appropriate calculations.
	D5240	Have a rock core suitable for sulfate testing and a sulfate solution prepared.
	D5312	Have a rock core suitable for freeze / thaw testing.
	D5313	Have a rock core suitable for wetting and drying testing.
	D5607	Have a rock core suitable for shear testing demonstration.
	D5731	Have a suitable core specimen available for determining the point load strength.
	D7012 (Method C)	Have a rock core suitable for demonstration of Method C (Uniaxial Compressive Strength of Intact Rock Core Specimens). Be prepared to demonstrate the procedure and calculations. In addition, have apparatus and records available for review that indicate that the specimen was prepared in accordance with ASTM D4543.