

Soil Resistance Value Samples 189 (A) and 190 (B) Instructions for Testing and Reporting

[Closing Date: May 9th, 2024](#)

Testing should be conducted on each of the two samples according to the AASHTO or ASTM test methods indicated. Report the results for each test based on a single determination only, not the average of two or more. For any tests you do not choose to perform, leave the appropriate spaces on the data sheet blank.

To permit an estimate of single-operator precision, the same operator should conduct an individual test on both samples. It is not necessary that the same person conduct all of the tests.

Treat each sample as you would treat a typical "production-type" sample. Any special handling or preparation needs will be included below.

AASHTO Accredited Laboratories:

AASHTO accredited laboratories are required to perform every test included in an AASHTO re:source Proficiency Sample Program that is also listed under each laboratory's AASHTO Accreditation Scope.

[AASHTO Accreditation Policy on PSP Participation](#)

The tests that are not listed under the laboratory's accreditation may also be performed, but testing is not required, and the AASHTO Accreditation Program will not evaluate the ratings.

Resistance R-Value and Expansion Pressure of Compacted Soils (T190-22 or D2844/D2844M-18): Determine the "as received" water (moisture) content of the two samples and report to the nearest 0.1%. (Use AASHTO T265 or ASTM D2216 to determine the water content.) Determine the R-Value. Report the R-Value at an exudation pressure of 300 psi (2068 kPa) to the nearest 0.1 unit.