METHODS OF SAMPLING AND TESTING
MT 230-16
METHOD OF TEST FOR THE MOISTURE-DENSITY RELATIONS OF SOILS USING A 10 LB. (4.54 KG) RAMMER AND A 18 IN. (457 MM) DROP
(*Modified AASHTO T 180*)

MT 230 is identical to AASHTO T 180 except for the following stipulations:

1. Replace Section 1.5 with the following:

   If the specified oversized particle maximum percentage is exceeded (except for material that meets the criteria described in MT 218, Section 4.6.), the replacement method should be used. The replacement method maintains the same percentage of coarse material (passing a 50 mm sieve and retained on a 4.75 mm sieve) in the moisture-density sample as in the original field sample. The material retained on the 19.0 mm sieve shall be replaced as follows: sieve an adequate quantity of the representative soil over the 50 mm and 19.0 mm sieve. Weigh the material retained on the 19.0 mm sieve. Replace this material with an equal mass of material passing the 19.0 mm sieve and retained on the 4.75 mm sieve. Take the material for replacement from the extra portion of the sample.

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