ONE POINT PROCTOR TEST

APPARATUS

1. MOULD: Mould 152.4 ± 0.7-mm in diameter (or mould 101.6 ± 0.4-mm in diameter), conforming to the specifications of ASTM D 698 .................................................................

2. VOLUME OF MOULD: Is there documentation provided that the volume of the mould has been determined following one of the methods of Annex of ASTM D 698 within the past 12 months? Note: MTO does not require the mould volume to be measured but practice today is to require it ...........................................................................................................

3. PROCTOR HAMMER/RAMMER: 2.5 kg mass, conforming to the specifications of ASTM D 698 .............................................................................................................

4. BALANCE: 15 kg capacity and accurate to 0.1% of the test load within the range of use .........

5. OVEN: A drying oven, capable of maintaining 110 ± 5°C, or a nuclear moisture density gauge (field testing only) .............................................................................................................

6. STRAIGHTEDGE: A steel straightedge 300 mm in length and with 1 edge beveled .............

7. MIXING TOOLS: Miscellaneous tools such as a rotatable table on which to place the mixing bowl, spoon, trowel, spatula, etc. together with a means of adding controlled amounts of water to the sample while mixing. A mechanical mixing device may be used for some soils such as sand, which will not clog the blades ...................................................................................................

Comments:

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