



# Performance Examination - Soils

## Standard Method of Test for Laboratory Determination of Moisture Content of Soils (AASHTO T 265-15)

Candidate Name: \_\_\_\_\_ NICET ID: \_\_\_\_\_

Apparatus	Trial 1	Trial 2
Oven Maintains 110 ± 5 °C (230 ± 9 °F)		
Balance Readable to 0.1% of sample mass or better		
Water Content Containers Resistant to corrosion, disintegration, and change in mass with close-fitting lids		

Procedures	Trial 1	Trial 2
1. A representative sample of moist soil selected		
2. Maximum particle size (100% passing) vs. minimum sample mass		
3. No.40 – 10 g, No.4 – 100 g, ½ in – 300 g, 1 inches – 500 g, 2 inches – 1 kg		
4. Mass of clean, dry container plus lid determined		
5. The sample placed in a container, immediately covered with lid, and weighed		
6. Lid removed, a container placed in the oven, and sample dried to constant mass		
7. Water content calculated to nearest 0.1 % by the following formula: % moisture = mass of water x 100 mass of oven dry soil		

First Attempt: Pass: \_\_\_\_\_ Fail: \_\_\_\_\_ Second Attempt: Pass: \_\_\_\_\_ Fail: \_\_\_\_\_

Exam Administration: Remote \_\_\_\_\_ In-Person \_\_\_\_\_

Comments:

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Examiner Name: \_\_\_\_\_ Examiner Signature: \_\_\_\_\_ Date: \_\_\_\_\_