Procedure Checklist
AASHTO T-265 Laboratory Determination of Moisture Content of Soils

		P	F	N/A
Test Sample Size				
1.	Select a representative quantity of moist soil indicated in the test method. Minimum mass of samples (if not specified in test method): **Maximum Particle Size** — **Minimum Mass of Sample (g.)** 0.425 mm (No 40) — 10 4.75 mm (No 4) — 100 12.50 mm (1/2 in.) — 300 25.00 mm (1 in.) — 500 50.00 mm (2 in.) — 1000			
Procedure				
2.	Obtain and record tare mass of container and lid.			
3.	Obtain and record weight of wet sample in container with lid.			
4.	Place in drying oven and remove lid.			
5.	Maintain drying oven at 110°C ± 5°C (230°F ± 9°F) and dry overnight (minimum 15 hours) or until mass loss after 1 hr of additional drying is less than 0.1% (constant mass) (apply Notes 1 and 2 where applicable).			
6.	Remove sample from oven, immediately replace lid and cool to room temperature.			
7.	Obtain and record weigh of dried container with lid and dried sample Apply Notes 3 and 4 where applicable.			
8.	Calculate moisture content.			
Calculations				
9.	Calculate the moisture content of the soil to the nearest 0.1 percent as follows: $$\mathbf{w} = \left[\frac{(W1 - W2)}{(W2 - Wc)}\right] \times 100$$ **w** = moisture content, percent *W*1 = mass of container and moist soil (g) *W*2 = mass of container and oven-dried soil (g) *W*c = mass of container (g)			
10.	Report the percent of moisture content to nearest 0.1 percent.			

Remarks: **Comparison Criteria:** N/A

Date: _____ Technician:_____IA Observer:_____

Technician's E-mail Address: _____

Employer's/ Supervisor's E-mail Address: _____