AASHTO T 265 (Modified)

Laboratory Determination of Moisture Content of Soils

AASHTO T 265 has been adopted by WSDOT with the following definition for "Constant Mass."

> "Constant Mass — Test samples dried at a temperature of 230 ± 9º F (110 ± 5º C) to such a condition that it will not lose more than 0.1 per cent moisture after 2 hours of drying. Such a condition of dryness can be verified by determining the mass of the sample before and after successive 2 hour drying periods. In lieu of such determination, samples may be considered to have reached constant mass when they have been dried at a temperature of 230 ± 9º F (110 ± 5º C) for an equal or longer period than that previously found adequate for producing the desired constant mass condition under equal or heavier loading condition of the oven."

Performance Exam Checklist

Laboratory Determination of Moisture Content of Soils
FOP for AASHTO T 265

Participant Name _____ Exam Date _____

Procedure Element	Yes	No
1. The tester has a copy of the current procedure on hand?	❒	❒
2. All equipment is functioning according to the test procedure, and if required, has the current calibration/verification tags present?	❒	❒
3. Representative sample of appropriate mass obtained?	❒	❒
4. Mass of clean, dry container determined?	❒	❒
5. Sample placed in container and mass determined?	❒	❒
6. Test sample mass conforms to the required mass?	❒	❒
7. Sample mass determined to 0.1 percent?	❒	❒
8. Loss of moisture avoided prior to mass determination?	❒	❒
9. Sample dried in a drying oven at 230 ± 9 0F (110 ± 5 0C)?	❒	❒
10. Sample dried to a constant mass?	❒	❒
11. Sample cooled prior to mass determination?	❒	❒
12. Calculations performed properly and results reported to the nearest 0.1 percent or better of the original sample?	❒	❒

First attempt: Pass ❒ Fail ❒ Second attempt: Pass ❒ Fail ❒

Signature of Examiner _____

Comments: