
ATTI - PERFORMANCE CHECKLIST

AASHTO T 265-22 – Laboratory Determination of Moisture Content of Soils

Test Sample

- SEC: 5.1** Sample size is the amount indicated in the test method, or if no amount is indicated, the minimum mass shall be in accordance with the table in AASHTO T 265 (This test method).

Test procedure

- SEC: 6.1** Weigh a clean, dry container with its lid and place the moisture content sample in the container (weigh to the nearest 0.1 %).
- SEC: 6.1** Replace the lid immediately and weigh the container, including the lid and the moist sample.
- SEC: 6.1** Remove the lid and place the container in the drying oven at $110 \pm 5^{\circ}\text{C}$ ($230 \pm 9^{\circ}\text{F}$) and sample dried to constant mass (less than 0.1% change after additional drying).
- SEC: 6.1** Immediately upon removal from the oven, replace the lid and allow the sample to cool to room temperature. Weigh the container including the lid and the dried sample.
- SEC: 6.1** Since dry soil may absorb moisture from wet samples, dried samples should be removed before placing wet samples in the oven.
- SEC: 6.1** A container without a lid may be used provided the moist sample is weighed immediately after being taken and provided the dried sample is weighed immediately after being removed from the oven or after cooling in a desiccator.
- SEC: 7.2** Calculate the percent of moisture content to the nearest 0.1 percent.