



5. When the sample looks dry, remove it from the heat, cool, and weigh. Place the sample back on the heat, continue drying for another 2 to 3 minutes, cool, and reweigh. The sample is dry when there is less than 0.1 percent difference between the weights. Record the weight of the sample and container to the nearest 0.1 g.

**CALCULATIONS:**

1. Moisture content of aggregate:

$$P = \frac{W - D}{D - C} \times 100$$

where:

P = percent moisture,

W = weight of wet aggregate and container,

D = weight of dry aggregate and container, and

C = container weight.

**REPORT:**

Report the moisture content to the nearest 0.1 percent.