

AASHTO T-209 MAX SPECIFIC GRAVITY

STEPS

- 1) Explain how to perform flask calibration.
(Flask Filled with water and top plate, weight determined, and desired material weight added.)

- 2) Explain sample preparation for running the test.
(Cool to room temperature, particles separated to no bigger than ¼" pieces.)

TRIAL 1 TRIAL 2

PROCEDURE

- 1) Flask calibrated.
- 2) Flask filled with sample. Weight determined?
- 3) Sample covered with min 1" water @ 77° approx
- 4) How is air removed?
(Partial Vacuum of 30.0 +/- 5.0 mm HG for 15+/- 1 min.)
- 5) How long are flasks under vacuum and agitated?
(15 +/- 1 min, mechanical shake only for volumetrics)
- 6) After 15 15-minute test period, pressure is released slowly (Approximately 8 kpi)
- 7) Is the Flask filled with 77° water? Care was taken not to Reintroduce air back into the sample. Is the flask capped with a glass plate with no air bubbles under it?
- 8) With the Scale zeroed, was the final weight of the Flask, Water, Material, and glass plate determined?

PASS Y/N:
