

Super Air Meter Test



1. **FILL**, consolidate, and level with a plate
 - a. 3 equal lifts – 25 rods each lift
2. Strike bucket with rubber mallet after each lift
3. **CLEAN** rim of the bucket & O-ring on lid thoroughly
4. Zero gauge
5. Place & clamp lid
6. **FILL** SAM with water through petcock
 - a. Tilt meter while filling with water
 - b. Allow all air bubbles to leave
 - c. Close both valves while filling
7. **BEGIN** SAM test & follow directions on gauge
 - a. Inflate to 14.5 psi & equalize
 - b. Inflate to 30.0 psi & equalize
 - c. Inflate to 45.0 psi & equalize+/- 0.05 psi tolerance on each pressure
8. **PURGE**, open petcocks
9. **REPEAT** Step 6
 - a. Inflate to 14.5psi & equalize
 - b. Inflate to 30.0psi & equalize
 - c. Inflate to 45.0psi & equalize+/- 0.05 psi tolerance on each pressure

Test should be completed in 12 min.

Refer to superairmeter.com & AASHTO TP 118

For More Information:
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