

PERMEABILITY OF GRANULAR SOILS

D2434 - 68 (2000) \_\_\_\_\_

**APPARATUS / SECTION 4**

- 1. Constant Head Permeameter, as specified in clause 4.1 (Figure 1)?..... \_\_\_\_\_
- 2. Constant Head Tank ..... \_\_\_\_\_
- 3. Specimen Compaction Equipment, meets requirements of Clause 4.4 and 6.5.2.3? ..... \_\_\_\_\_
- 4. Vacuum Pump (or water faucet aspirator) ..... \_\_\_\_\_

**PREPARATION OF SPECIMENS / SECTION 6**

- 1. Relative Densities and Intermediate as per clause 6.5.3? ..... \_\_\_\_\_
- 2. Initial measurements (D-diameter, L-distance between outlets, H-height) taken? ..... \_\_\_\_\_
- 3. Permeameter and sample correctly assembled (including filter papers)? ..... \_\_\_\_\_
- 4. Specimen properly irrigated? ..... \_\_\_\_\_
- 5. Specimen properly de-aired using vacuum if necessary? ..... \_\_\_\_\_

**PROCEDURE / SECTION 7**

- 1. Water flow established to constant head cylinder and then permeameter? ..... \_\_\_\_\_
- 2. Stable head condition established? ..... \_\_\_\_\_
- 3. Quantity of water measured for required time? ..... \_\_\_\_\_
- 4. Head modified to establish required hydraulic gradient? ..... \_\_\_\_\_
- 5. Tests run at different hydraulic gradients to ensure testing at laminar flow? ..... \_\_\_\_\_
- 6. After test, water is drained, mold and sample removed and CBR testing done, if required? .. \_\_\_\_\_
- 7. Sample inspected for streaks, layers or evidence of segregation of fines? ..... \_\_\_\_\_
- 8. Preparation of Specimens and Procedure performed per sections 6 & 7?..... \_\_\_\_\_
- 8. Calculations performed per section 8?..... \_\_\_\_\_
- 9. Results reported per section 9? ..... \_\_\_\_\_

**COMMENTS**