

Ch. Devi Lal State Institute of Engineering & Technology,

Panniwala Mota, Sirsa

CIVIL ENGINEERING DEPARTMENT

Infrastructure Detail: Soil Mechanics/Geotechnology Lab

| Soil Mechanics/Geotechnology Lab | | |
|---|---|-------|
| 1 | Metal container (Aluminium) | 20 |
| 2 | Balance 150Kg, 20 gm Least Count | 01 |
| 3 | Digital Balance 1 Kg capacity, 10 gm least count | 01 |
| 4 | Pycnometer (1 Kg capacity) | 02 |
| 5 | Tong | 02 |
| 6 | Sieves 200mm dia (8" dia) Spun Brass frame Sizes:4.75mm, 2.36mm,1.18mm, 600 mic, 300 mic,150 mic, 75 mic, lid and pan | 1set |
| 7 | Sieves 300mm dia (12" dia) G.I. Sheet frame Sizes: 100mm, 80mm, 63mm, 40mm, 25mm, 20mm, 12.5mm, 6.3mm, 4.75mm Lid & pan | 1 set |
| 8 | Liquid Limit Device Hand Operated with Counter (Complete) | 01 |
| 9 | Rapid Moisture Meter confirming to IS: 12175 | 01 |
| 10 | Field Density Test Apparatus (small) complete IS 2720 Part XXVIII, Sand Pouring Cylinder (small) with metal tray | 01 |
| 11 | Proctor's Compaction Apparatus Complete as per IS- (10074) 100mm dia x 127.3 mm high with 2.6 kg hammer | 01 |
| 12 | Hydrometer Calibrated at 27° C | 01 |
| 13 | Shrinkage Limit Test Apparatus (Complete) | 01 |
| 14 | Soil Sampler 38mm dia | 01 |
| 15 | Oven size: 14" X 14" X 14" | 01 |
| 16 | Core Cutter Method | 01 |
| 17 | Almirah | 01 |