

Laboratory Equipments
Civil Engineering Department College of
Engineering /Thi-Qar University

- ❖ Laboratory of concrete and Construction material
 - ❖ Soil mechanics laboratory
 - ❖ Asphalt laboratory
 - ❖ Surveying laboratory

Appendix: Samples of Laboratory Equipments



Concrete Compression Test Device



Tensile Test Device

Appendix: Samples of Laboratory Equipments



Flexural Test Device



Consolidation Test Device

Appendix: Samples of Laboratory Equipments



Direct Shear Test Device and oven



Concrete Compression Test Device



Unconfined Compression Device



Flexural Test Device



California Bearing Test Device



Concrete Compression Test Device



Compression Test Device



Cement Mortar Compression Test Device



Consolidation Test Device



CBR Test Device



CBR Test Device



CBR Device



Oven



Tensile Test Device



Tensile Test Device



Direct Shear Test Device



Specific Gravity and Density Test Device



Concrete Core Test Device



Flash Point Test Device



Concrete Core Test Device



Permeability Test Device



Marshal Device



Water Bath



Concrete Mixture

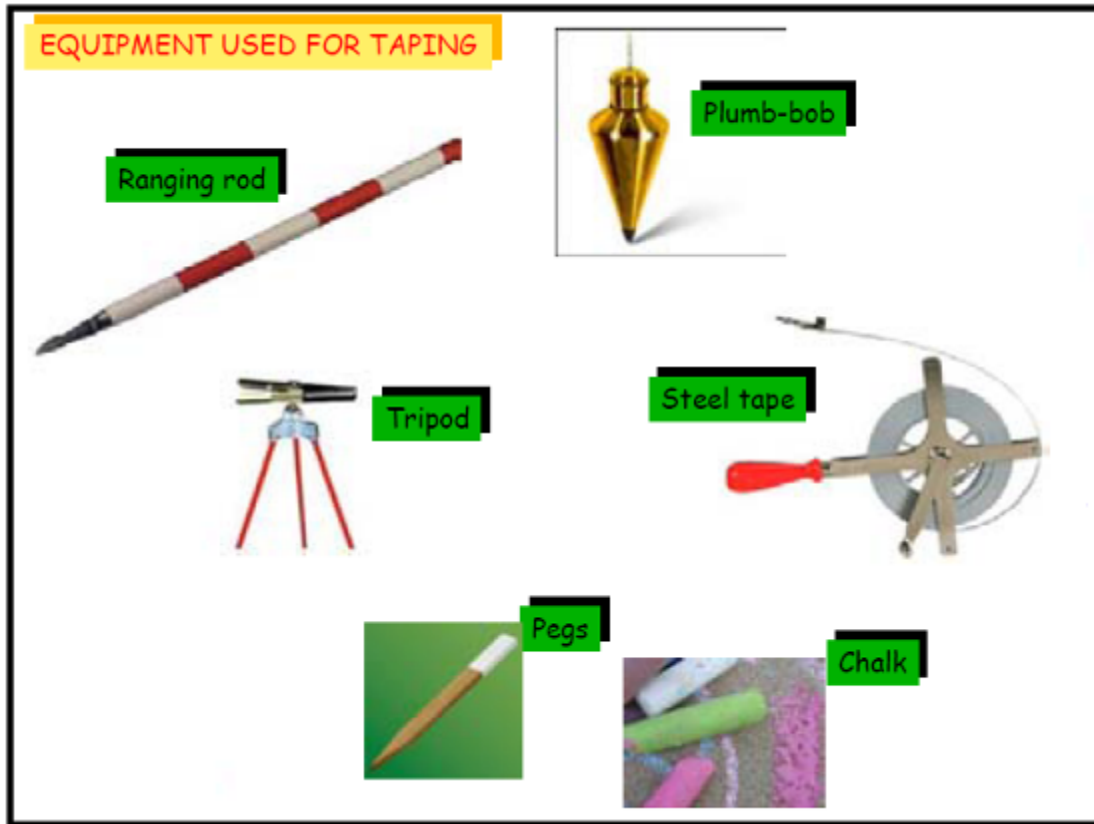


Asphalt Penetration Test Device



Penetration Test Device

Appendix: Samples of Laboratory Equipments



Electronic distance measurement (Leica)



Distance Measuring Wheel



Digital Planimeter (PLACOM)



Automatic Optical Level (Topcon ATG-3)



Mechanic Theodolite (Foif)



Electronic Theodolite (Topcon DT-200)



Electronic Total Station (Foif)



Electronic Total Station (Topcon GPT-750)



Navigation GPS (GARMIN GPSMAP 78s)



Single frequency GNSS (GRS1 Topcon)



Dual frequency GNSS (GR3 Topcon)