

North Carolina Department of Transportation
Division of Highways – Materials and Tests Unit – Soils Laboratory

M&T 102 Form 7/2012

Conventional Density Equipment Inspection

Date: _____ Division: _____ Res. / Dist. Engineer: _____

Location: _____ Phone: _____

Contract: _____ Technician: _____ HiCAMS ID: _____

Equipment (inspect condition)	Supplier	Good	Poor	Replace	Comments
Large Soil Pan	Soils				
Cup (moisture can)	Soils				
Soil Mold Extractor	Stock				
Graduated Cylinder (100 mL)	Stock				
Small Squirt Bottle	Stock				
Aluminum Scoop #1	Stock				
Large Spoon	Stock				
Spatula (3 ½ inch #8338M10)	Stock				
2-inch Paint Brush	Stock				
3-inch Auger	Stock				
Handle for Auger	Stock				
50 lb weight (round)	Stock				
50 lb saddle weight	Stock				
Gas Burner with LP Tank	Stock				
10-inch Frying Pan	Stock				
Square tip shovel	Stock				
18" Steel Density Ring	Stock				
Folding Carpenter ruler	Stock				
Pick (yellow Texas toothpick)	Stock				
Galvanized 12 Qt. Bucket	Stock				
Wood Mallet	Soils				
Wood Straightedge (3 ft.)	Stock				
Equipment (verify/calibrate)	Supplier	Verified	Calibrate	Replace	Comments
Scales	Stock				
Pie Pan (9 inch x 1 ½ inch)	Stock				
2,000 gram weight	Stock				
Equipment (verify)	Supplier	Good	Repaired	Replace	Comments
Beveled Steel Scraper Bar	Stock				
Compaction Rammer (5.5 lbs)	Stock				
1/30 ft ³ mold	Stock				
Volumeter	Stock				
Volumeter Actuator Blub	Stock				
Volumeter replace. Cylinder	Stock				
Volumeter Field Plate	Stock				
3/40 ft ³ mold	Stock				

Trainer: _____ Signature: _____ Date: _____

To receive replacement equipment, submit a copy of this form with 2 completed copies of the M&T 101 Form "Equipment Requisition" to the M&T stockroom.