

**MATERIALS AND RESEARCH**  
**DELAWARE DEPARTMENT OF TRANSPORTATION**  
**DOVER, DELAWARE (302) 760-2400**

**NUCLEAR GAUGE: PROCEDURES AND EQUIPMENT CHECK**

NUCLEAR GAUGE SAFETY CHECKLIST	
ITEM	REMARKS
Authorization Card	
Badge	
Shipping Papers	
Safety Belt (Gauge)	
Locks	
Condition of Gauge Box	
Condition of Gauge	
Chargers (Types)	
Gauge Manual	
Rod and Plate	
Proper Distance	

CHECKLIST SOILS	
PROCEDURE	REMARKS
Obtaining Standard Count; Density and Moisture	
Template Bedding	
Depth of Test Hole	
Obtain Representative Sample for Moist. / Dens. Determination	
Sieving Soil	
Compacting Moist. / Dens. Points	
Weighing Procedures	
Plotting and Determining Max. Dens. & Opt. Moist.	
Proper Wetting / Drying Soil	

EQUIPMENT	REMARKS
Nuclear Gauge Serial #	
Template & Hammer	
Sampling Tools / Equipment	
Sieves: #4 ( ) ¾" ( )	
Balances lb ( ) gram ( )	
Dry Equipment	
Proctor Mold	
Rammers T99 ( ) 180 ( )	