



Office of Construction & Materials

NUCLEAR TEST REPORT - DENSITY OF PLASTIC P.C. CONCRETE

Contactor: \_\_\_\_\_  
 Resident Engineer \_\_\_\_\_  
 Nuclear Gauge No. \_\_\_\_\_

County \_\_\_\_\_  
 Project No. \_\_\_\_\_  
 Design \_\_\_\_\_  
 Contract No. \_\_\_\_\_  
 Date \_\_\_\_\_

**RODDED DENSITY DETERMINATION**

1. Sampling Location				
2. Calibrated Volume of Measure ( <b>V</b> )				
3. Weight of Measure ( <b>M</b> )				
4. Weight of Measure + Concrete ( <b>W</b> )				
5. Rodded Density $(W-M) \div V$				
6. % Air Content				
7. Corrected Rodded Density <small><math>\frac{\text{Rodded Density (Line \#5)} \times 94}{100 - \% \text{ Air Content (Line \#6)}}</math></small>				
8. Slump				
9. Gauge Correction Factor				

**IN-PLACE DENSITY DETERMINATION**

10. Test Location				
11. Depth at Test Location				
12. In-Place Density (Gauge Reading)				
13. Corrected Density (Line #12 + Line #9)				
14. % Rodded Density (Line #13 $\div$ Line #7) x 100				

**REMARKS:**

Distribution: RCE, DME

Signed: \_\_\_\_\_  
 Inspector