

**IA Checklist**  
**T 310 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)**

Procedure		P	F	NA
1	Allow the gauge to warm-up in accordance with the manufacturer's guidelines.			
2	Obtain standard counts on at least 100 pcf or 1631 kg/m <sup>3</sup>			
3	Standard moisture and density counts have been taken today.			
4	The gauge is at least 10' away from large objects and at least 30' away from other gauges.			
5	Test site is at least 6" [150mm] from any vertical object.			
6	Technician used and recorded the correct counts.			
7	Test site is scraped and smooth and all voids >1/8" are filled with native fines.			
8	Drill rod is driven to the correct depth (2" past test depth).			
9	Gauge is indexed to the correct depth.			
10	Gauge probe is in contact with the correct wall of the hole.			
11	Wet density, density count, and moisture count recorded correctly.			

**Remarks:**