

## Nuclear Density Gauge Equipment Description

Equipment ID: \_\_\_\_\_  
Manufacturer: \_\_\_\_\_  
Model #: \_\_\_\_\_  
Serial #: \_\_\_\_\_  
Storage Location: \_\_\_\_\_

Description: A nuclear density/moisture content gauge containing a sealed high-energy gamma radiation source, a gamma detector, a fast neutron source, and a slow neutron detector

Primary Purpose: Measuring in-place density and moisture content of soil

Calibration Item: Calibration of density and moisture outputs  
Leak tests

Calibration Procedure:  In-House Procedure  
 Outside Agency  
 Other

Calibration Equipment: Leak Test Kit

Calibration Interval: Calibration – 24 months  
Leak Test – as required by ADH license (should not exceed 12 months)

Specifications: AASHTO T 310

Specified Tolerance: As stated in the applicable test method