

Nuclear AC Gauge Equipment Description

Equipment ID: _____
Manufacturer: _____
Model #: _____
Serial #: _____
Storage Location: _____

Description: A nuclear asphalt content gauge containing a sealed neutron source and thermal neutron detectors

Primary Purpose: Measuring the binder content of asphalt mixtures

Calibration Item: Leak tests
Mixture-specific calibration

Calibration Procedure: In-House Procedure
 Outside Agency
 Other

Calibration Equipment: Leak Test Kit
Calibration pans, aggregates, oil, mix design

Calibration Interval: Leak Test – as required by ADH license (should not exceed 12 months)
Mixture-specific calibration – per mix design

Specifications: ARDOT 449
ARDOT 449A
AASHTO T 287

Specified Tolerance: As stated in the applicable test method