EQUIPMENT CALIBRATION, STANDARDIZATION OR CHECK RECORD

Original 12/96, Revised 3/2/98, 3/11, 7/14

PROCEDURE #7

Date: _____ Standardized by: _____

Equipment: UNIT WEIGHT MEASURE T 19, T 121, SD 205, SD 403, SD 411

Previous standardized date: _____ Next due: _____ Frequency: 12 Months Max

Inspection equipment and serial number:

Scale, readable to 0.1 lb #: Glass plate to cover measure

Caliper readable to 0.001" #: 12' Tape measure #:

Feeler gage 0.01"thick #: 15" Straightedge#:

Serial Number						
Capacity of measure						
Inner diameter						
Inside height						
Rim smooth & plane (Y/N)						
Thickness of bottom						
Thickness of rim						
Length and diameter of rod						
Action (Repair/Replace/None)						

STANDARDIZATION OF MEASURE USING WATER AT A KNOWN TEMPERATURE

Size of measure	**(A)** Weight of empty measure and glass plate	**(B)** Weight of measure filled with water, and glass plate	**(C)** Weight of water to fill measure	Volume in cu. ft	Temp of water
1/10"					
1/4"					
1/3"					
1/2"					
1"					

$$\frac{\text{MASS OF WATER}}{\text{(UNIT WT. OF WATER)}} = \text{CU. FT.}$$

$$\frac{\text{UNIT WT OF WATER}}{\text{MASS OF WATER}} = \text{FACTOR}$$

Tamping rod have a 16 mm diameter? (yes / no) 24" long? (yes / no)