



Calibration Date: 6/3/2016

Calibration By: KS

Calibration Due: 12/3/2016

Using: #008

Use Procedure: WI-L-AMER-Cali-992

Description: Audit weights

Serial: N/A

Model: Rice Lake

Asset #: 160A

160B

160C

160D

160E

160F

| Weight designation |       | Scale reading | Deviation |
|--------------------|-------|---------------|-----------|
| A                  | 5.00  | 5.00          | 0.00      |
| B                  | 10.00 | 10.00         | 0.00      |
| C                  | 10.00 | 10.00         | 0.00      |
| D                  | 25.00 | 25.00         | 0.00      |
| E                  | 25.00 | 25.00         | 0.00      |
| F                  | 25.00 | 25.00         | 0.00      |

Average Deviation: 0.0000000

Standard Deviation: 0

Scale accuracy +/-

0.01

Total Uncertainty:

0.01

Reviewed by:

Date:

6/3/16

Measurement Uncertainty is calculated using the following formula:

$$O.M.U. = k \cdot \sqrt{(A.D.)^2 + (S.D.)^2 + (R.M.U./2)^2}$$

O.M.U. = Overall Measurement Uncertainty

A.D. = Average Deviation of the difference of all measured results compared to the reference value.

S.D. = Standard Deviation of the difference of all measured results compared to the reference value.

k = Confidence Factor (2 for 95% confidence)

R.M.U. = Standard Measurement Uncertainty of Reference Measurement Equipment. R.M.U. is considered as the measurement uncertainty as stated on calibration certificates of equipment, or the tolerance listed in the calibration standard of the test equipment.