GWS Metrology Services

CBRE - GWS LLC
Metrology Services
9410 Bunsen Parkway
Suite 100B
Louisville, KY 40220
502-495-5700

Cert# L1117-1

Certificate Number:
CBRE-9190-WPC

Calibration Certificate

Date of Cal:
17-Aug-2023

Customer :
GE APPLIANCES - A HAIER COMPANY
GE APPLIANCE PARK
LOUISVILLE, KY 40225

PO Number
46417112

Work Order
AUGUST 2023 ONSITE

Asset Number : **AP2/193150481**
Manufacturer : **WEIGH-TRONIX**
Description : **SCALE, PLATFORM**
Department : **AP2**
Location : **WATER HEATER GAS LAB**

Serial Number : **193150481**
Model Number : **ZM303**
Cal. Location : **ON-SITE**

Environmental Data

Temp : **22.5 °C**
Humidity : **65.55 %**

Calibration Information

***Calibration Due Date : **08/17/2024**
Condition As Received : **Meets Listed Specifications**
Condition As Returned : **Passed**

Procedures used for this Calibration:

Procedure #	Procedure Description	Rev #	Rev Date
CP-0049	SCALES, DIGITAL , DIAL AND BEAM - GENERAL	02	1/27/2017

Traceability Information

Asset Number	Description	Cal. Due Date	Reference Number
MET-1000	WEIGHT, GRIP HANDLE 50 LB	10/25/2023	CBRE-1710-RHT
MET-1003	WEIGHT, GRIP HANDLE 50 LB	10/25/2023	CBRE-1705-RHT
MET-1009	WEIGHT, GRIP HANDLE 50 LB	10/25/2023	CBRE-1702-RHT
MET-500	WEIGHT, GRIP HANDLE 50 LB	10/25/2023	CBRE-1704-RHT
MET-501	WEIGHT, GRIP HANDLE 50 LB	10/25/2023	CBRE-1711-RHT
MET-502	WEIGHT, GRIP HANDLE 50 LB	10/25/2023	CBRE-1715-RHT
MET-505	WEIGHT, GRIP HANDLE 50 LB	10/25/2023	CBRE-1708-RHT
MET-506	WEIGHT, GRIP HANDLE 50 LB	10/25/2023	CBRE-1712-RHT
MET-507	WEIGHT, GRIP HANDLE 50 LB	9/13/2023	CBRE-13152-HGB
MET-508	WEIGHT, GRIP HANDLE 50 LB	10/25/2023	CBRE-1717-RHT

Traceability to NIST or other national metrology institutes for secondary measurement standards is established through laboratories aproved by the CBRE-GWS, LLC Metrology Services quality assurance program. Test reports and calibration certificates maintained by CBRE - GWS are available upon request to the reciepient of this calibration report.

Calibrated By: WAYNE COULTER - Metrologist

This is to certify that the above listed instrument/gage was inspected by CBRE GWS Metrology Services using a procedure(s) developed from the manufacturer specifications, accepted industry practices and/or customer requirements. The CBRE GWS Metrology Services Quality System conforms to ISO/IEC-17025:2017. It is hereby further certified that the inspection described herein was performed using standards whose values are traceable to the International System of Units (SI) through the National Institute of Standards and Technology (NIST) or other National Metrology Institute (NMI), or have been derived from accepted values of natural constants, or have been derived by the ratio type of self calibration techniques. Uncertainties are estimated at a 95% confidence level. (k=2). The results indicated in this certificate relate only to the item(s) listed above. CBRE GWS Metrology Services responsibility shall in no event nor for any reason whatsoever exceed the purchase price of this calibration.

*** Calibration due dates are only issued if requested by the customer and are based upon customer dictated recall intervals.

CALIBRATION TEST POINTS

*** Not accredited for this parameter**

VERDICT- (P)=Passed, (A)=Adjusted, (L)=Limited, (F)=Failed, (R)=Report of Value only

Description	Nominal	Tol -	Tol +	As Found	As Left	Units	Verdict	Comment
Linearity	100.0	97.5	102.5	100.0	100.0	lbf	P	
	200.0	197.5	202.5	200.0	200.0	lbf	P	
	300.0	297.5	302.5	299.9	299.9	lbf	P	
	400.0	397.5	402.5	399.9	399.9	lbf	P	
	500.0	497.5	502.5	499.8	499.8	lbf	P	
Corner test, RF	100.0	97.5	102.5	100.0	100.0	lbf	P	
LF	100.0	97.5	102.5	99.8	99.8	lbf	P	
LR	100.0	97.5	102.5	100.0	100.0	lbf	P	
RR	100.0	97.5	102.5	100.0	100.0	lbf	P	

The verdicts above are based upon a direct comparison of the measured value at the time of calibration, to a published or customer supplied tolerance for the specification listed. CBRE-GWS does not include the measurement uncertainty in making these determinations unless specifically requested. It is the responsibility of the user of this equipment to determine if the accept / reject tolerances meet the requirements of the intended measurement process.

Certificate Comments :

No Additional Comments

Expanded measurement uncertainty at an approximate 95% confidence level (k=2)

(0 to 3000) lb
0.3 lb

This should be +/- 0.1 lbs

Nominal should be:
100
200
300
400
500
600
700
800
900